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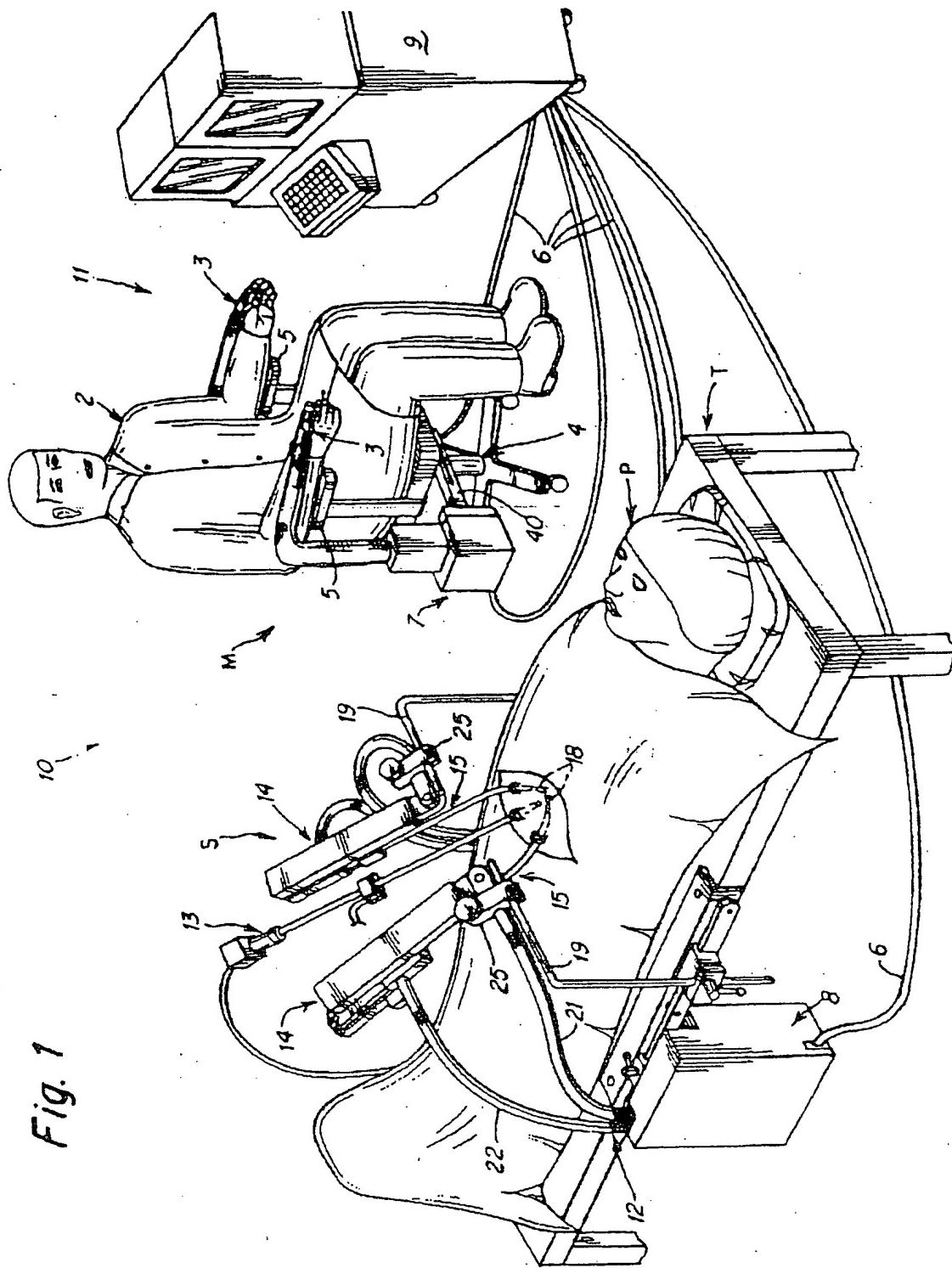
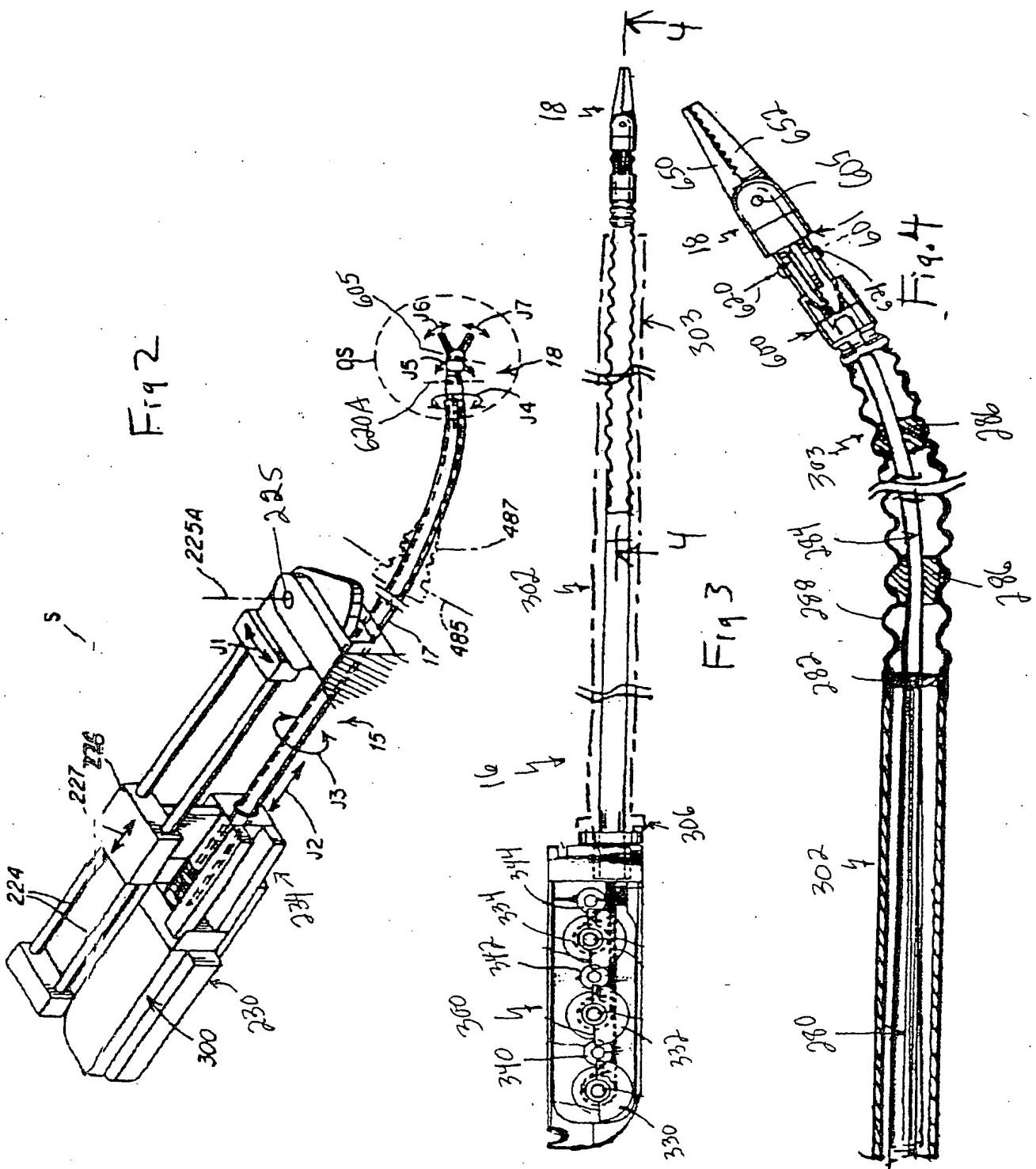


Fig. 1



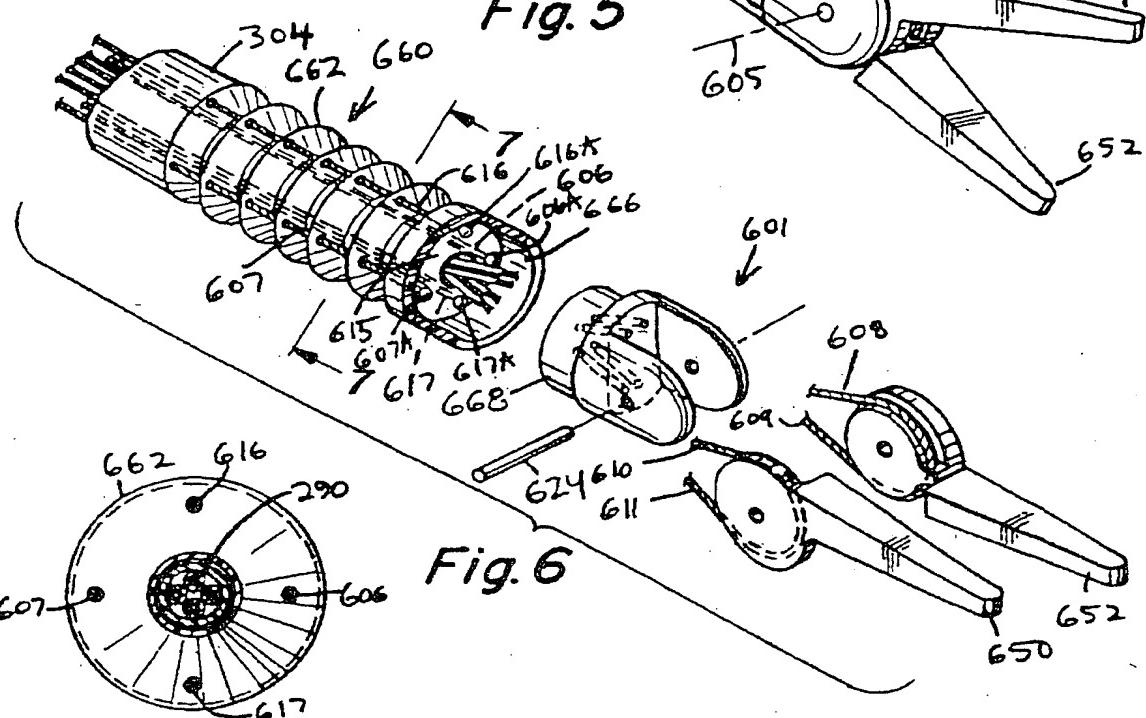
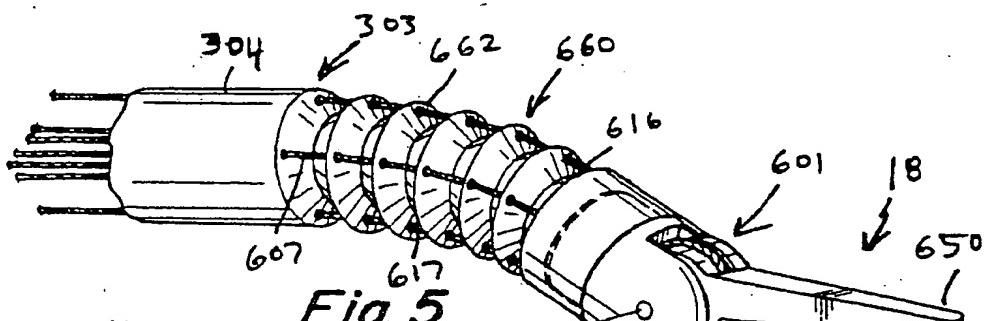
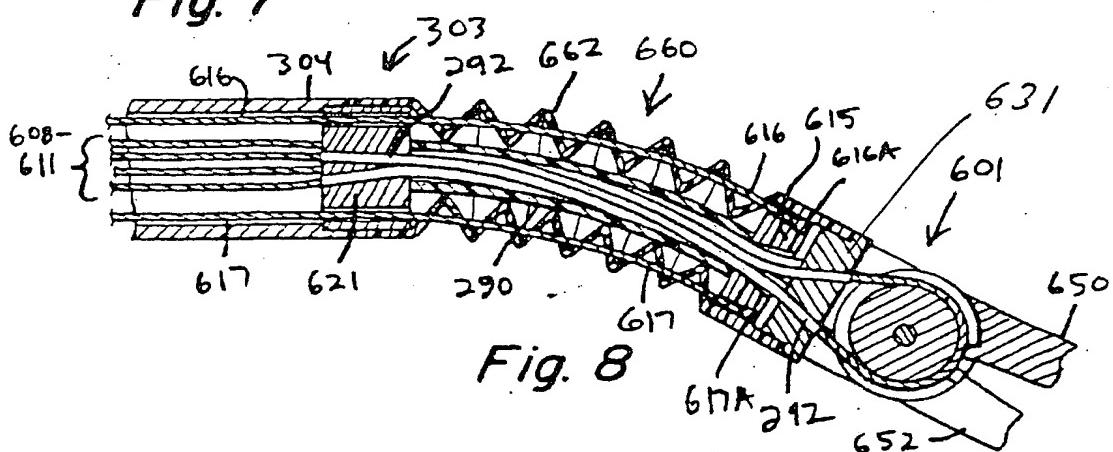
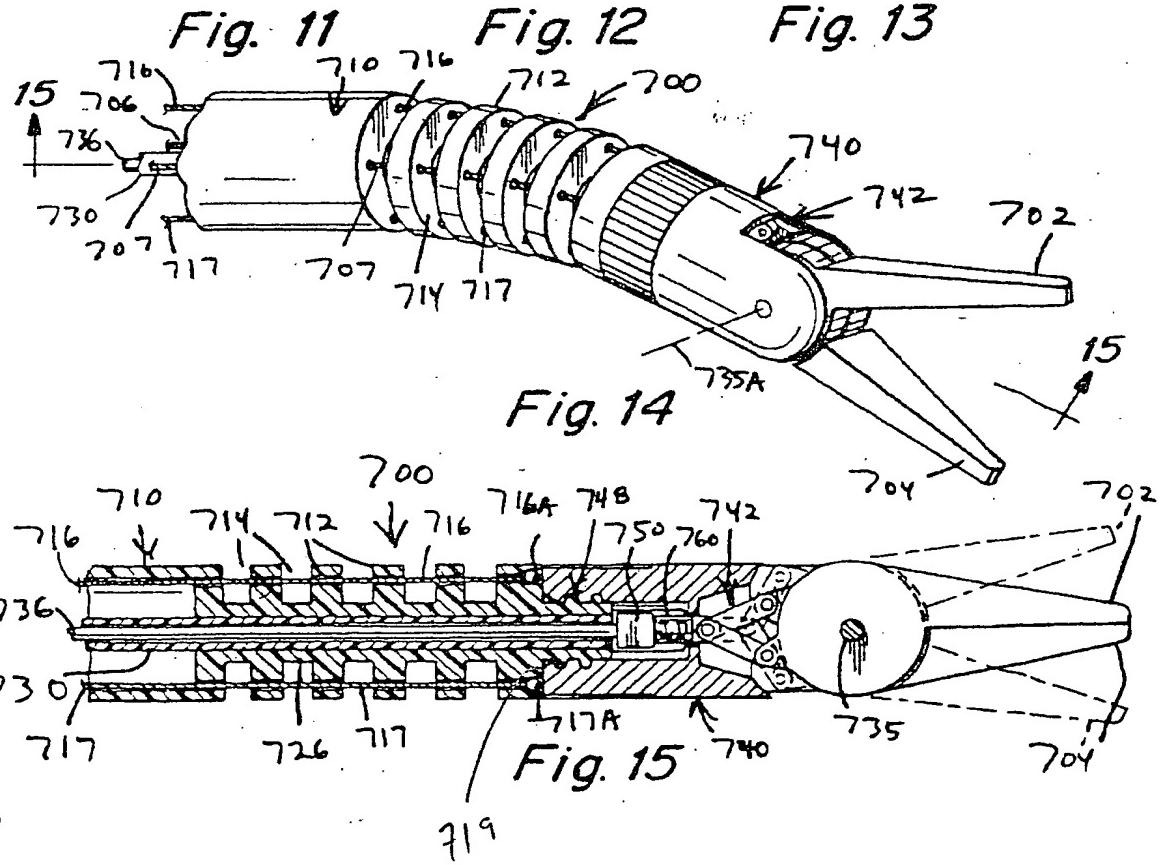
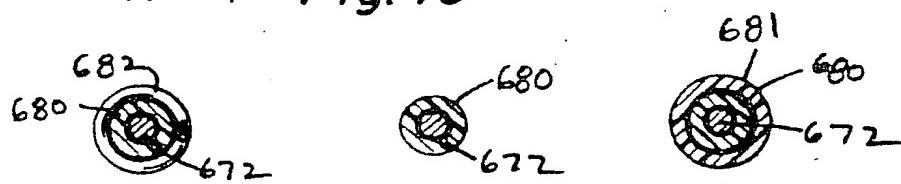
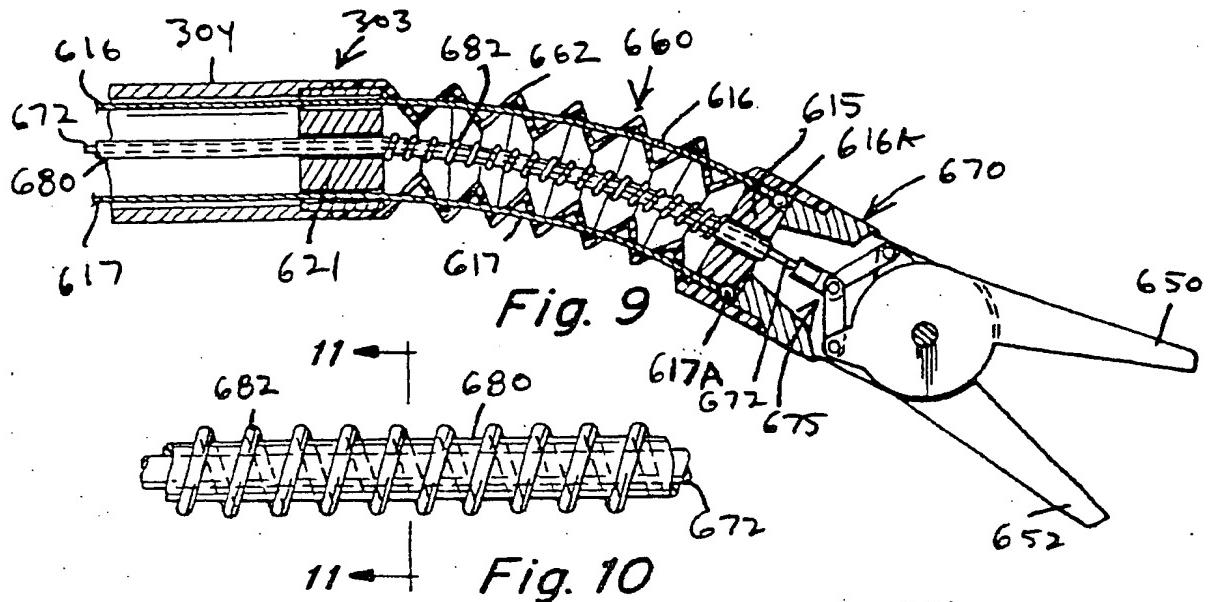


Fig. 7





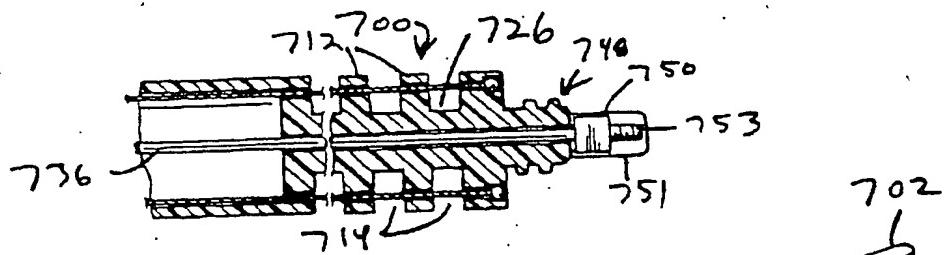


Fig. 15A

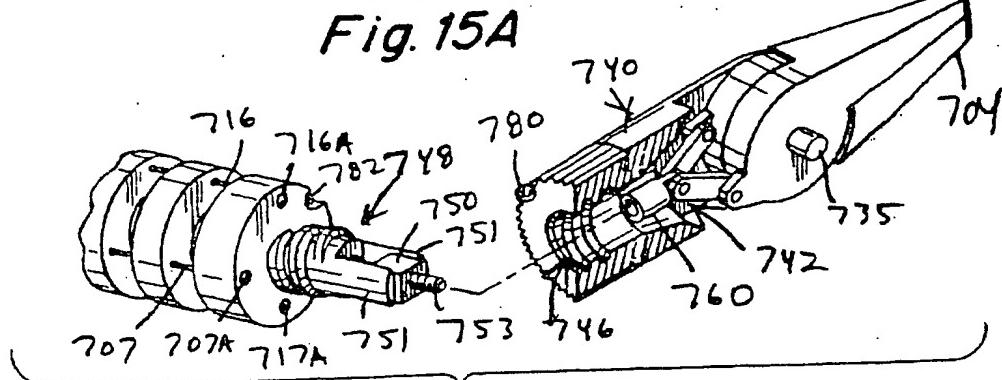


Fig. 16

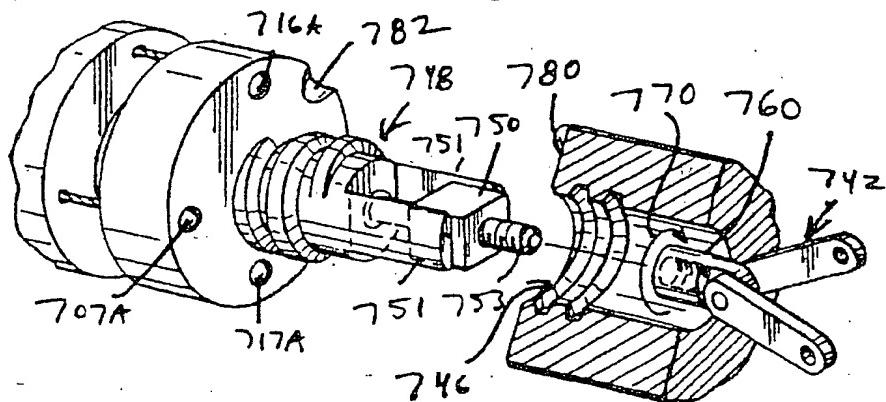


Fig. 17

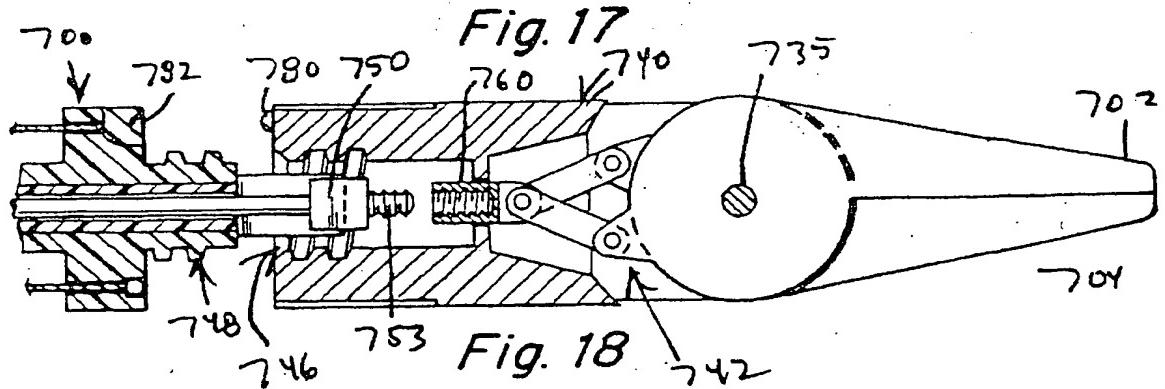


Fig. 18

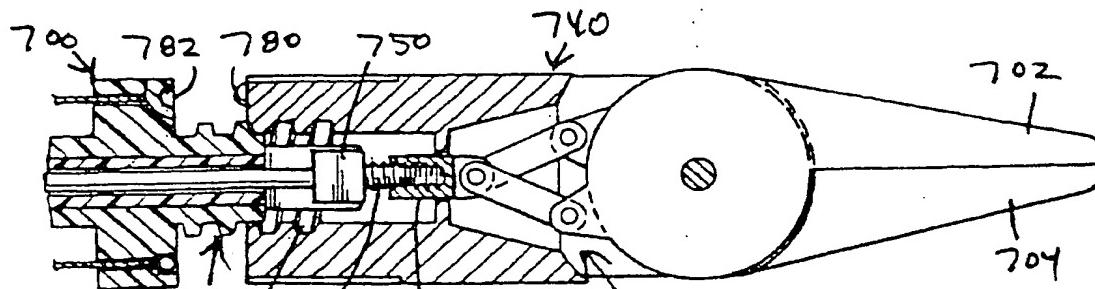


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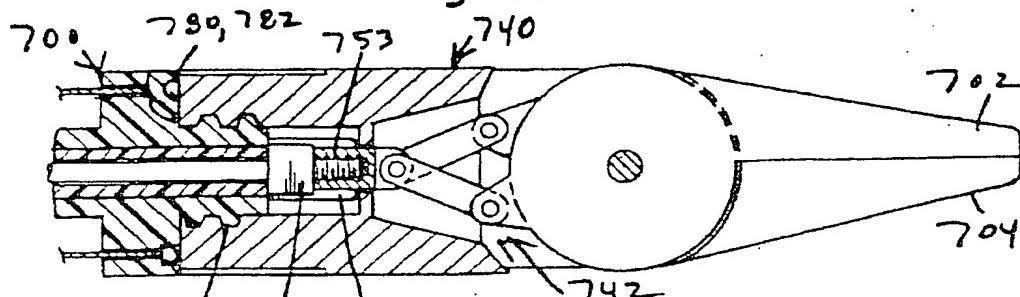


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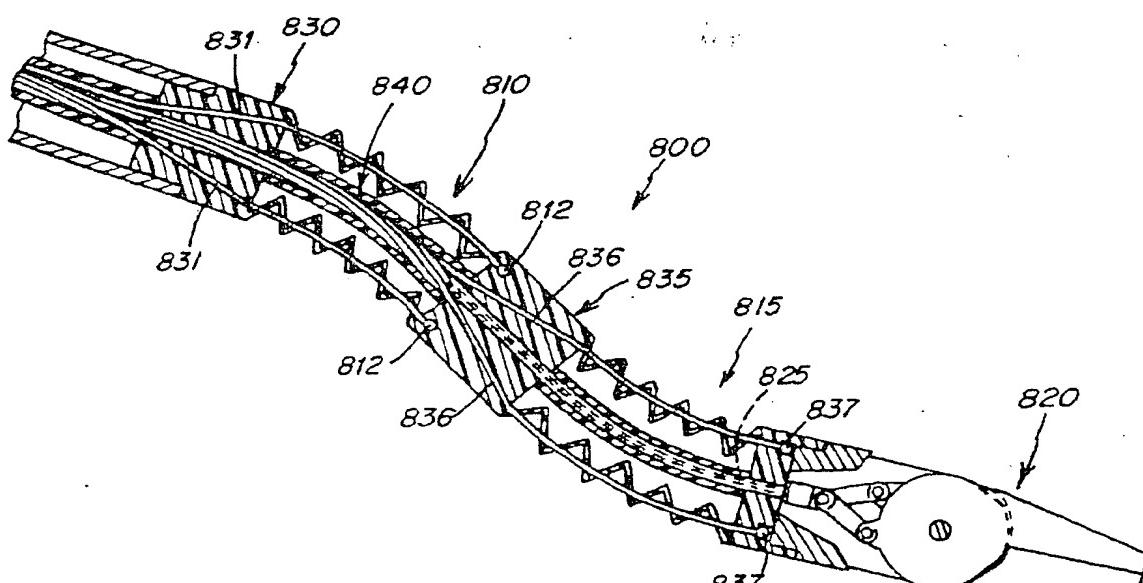


Fig. 21

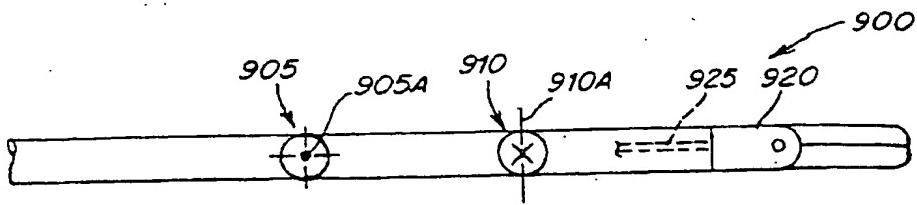


Fig. 22

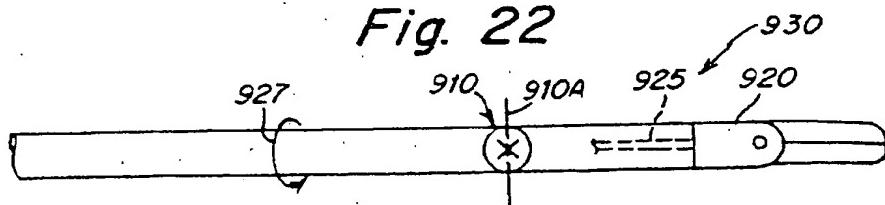


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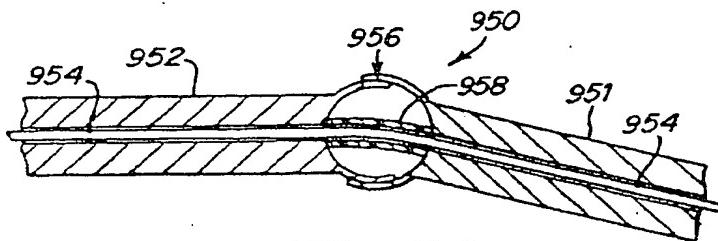


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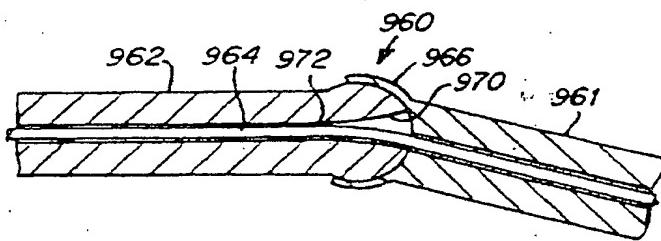


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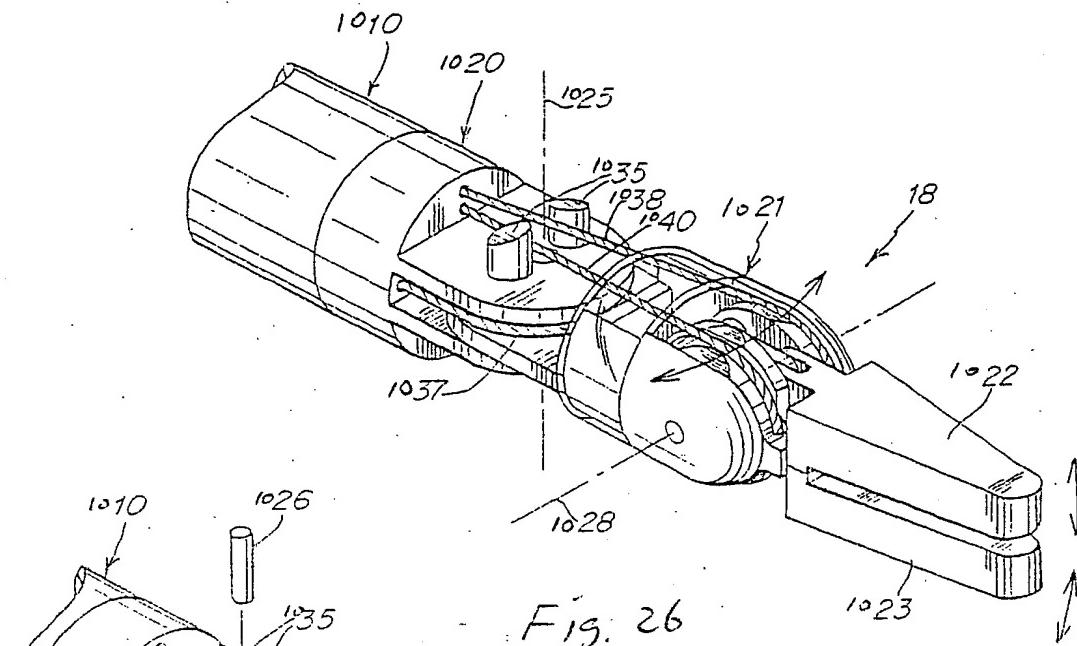
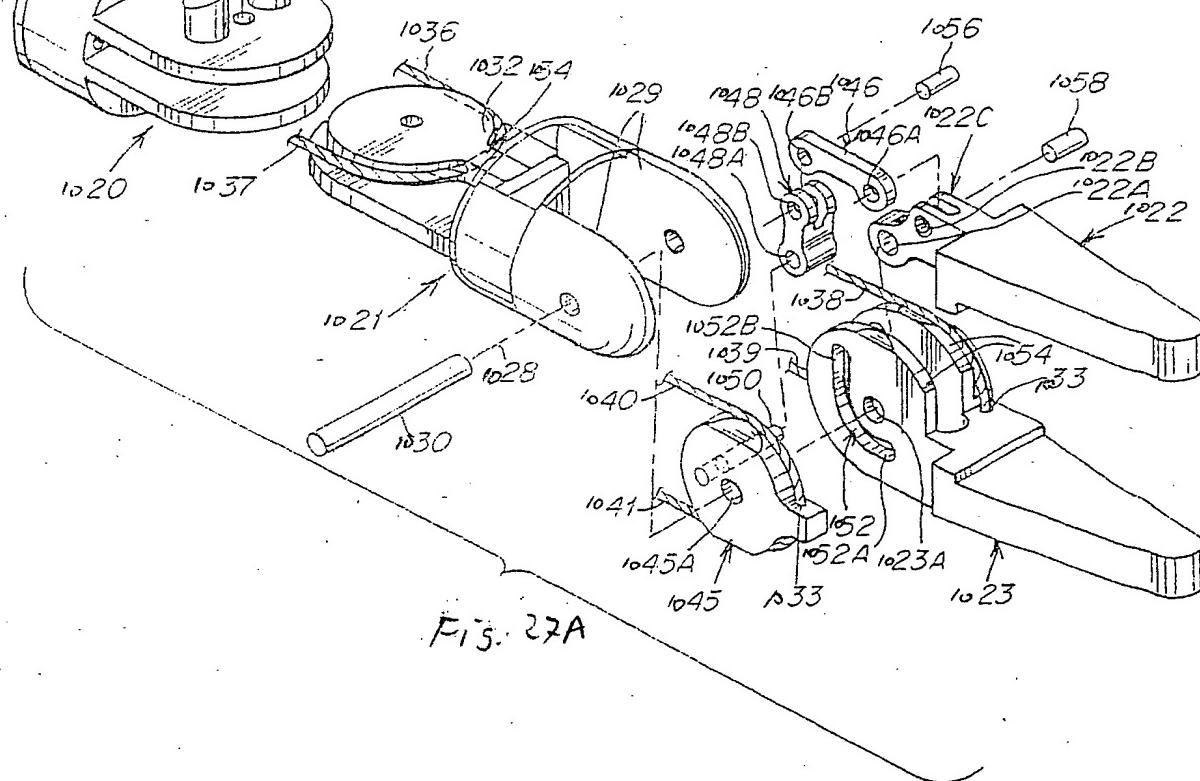
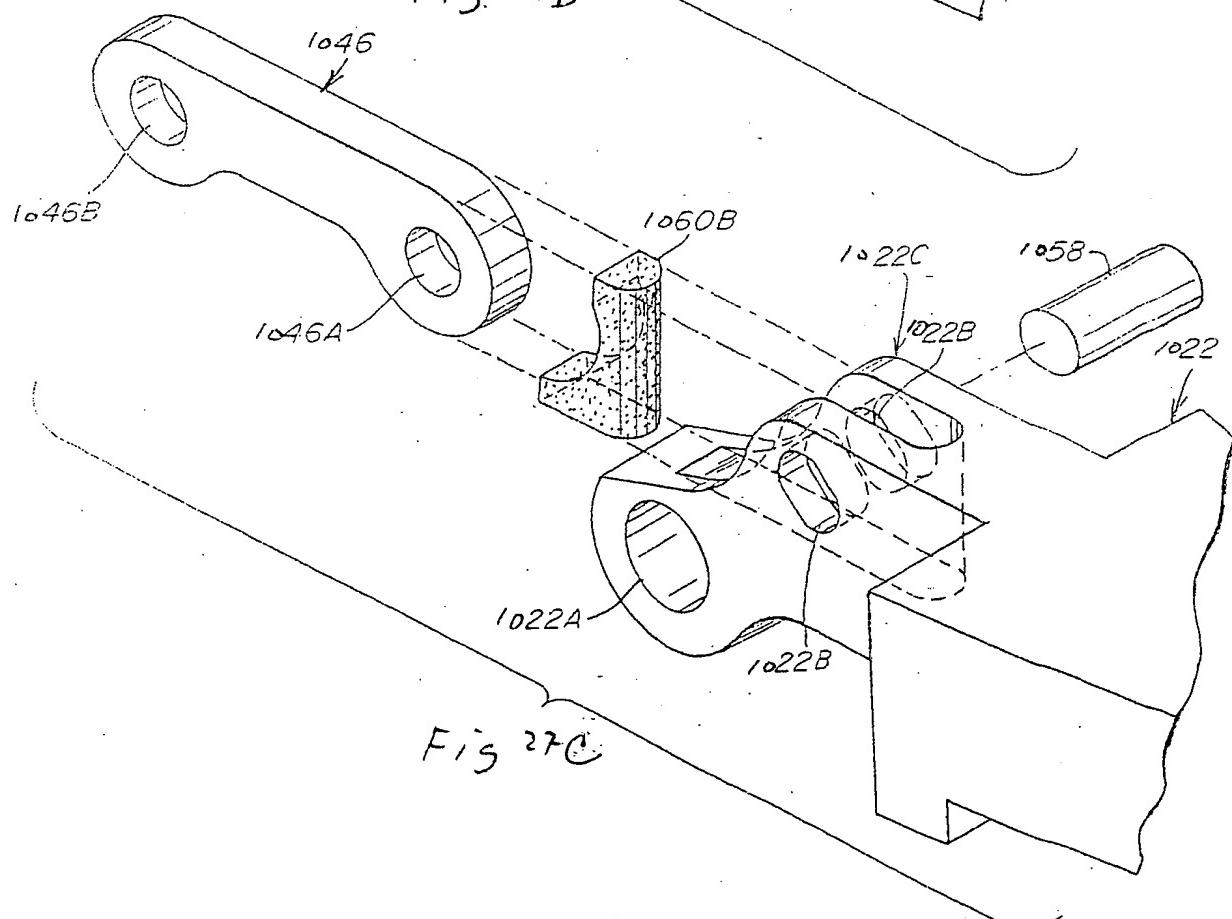
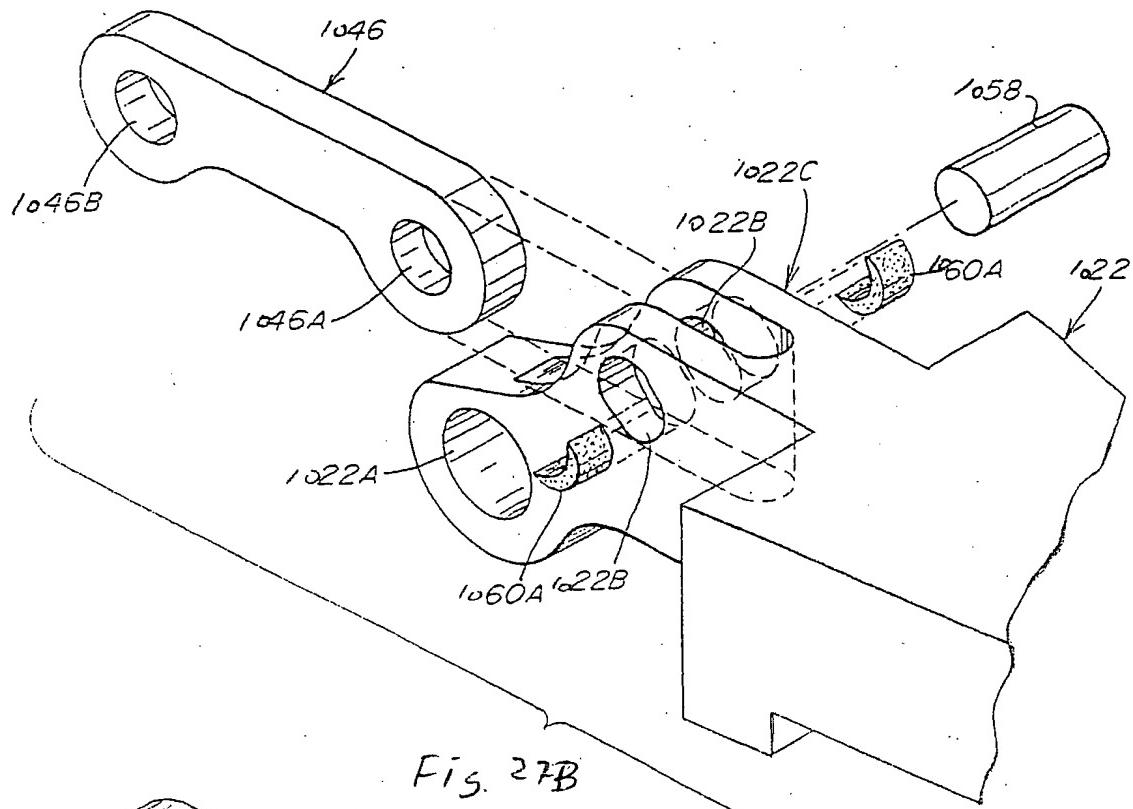
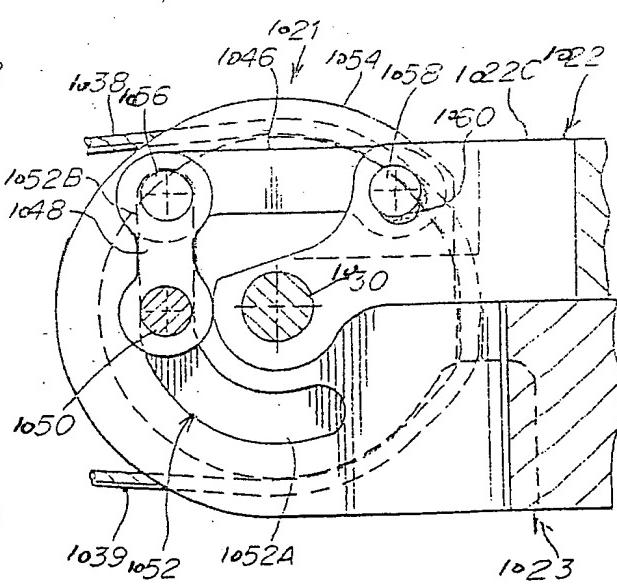
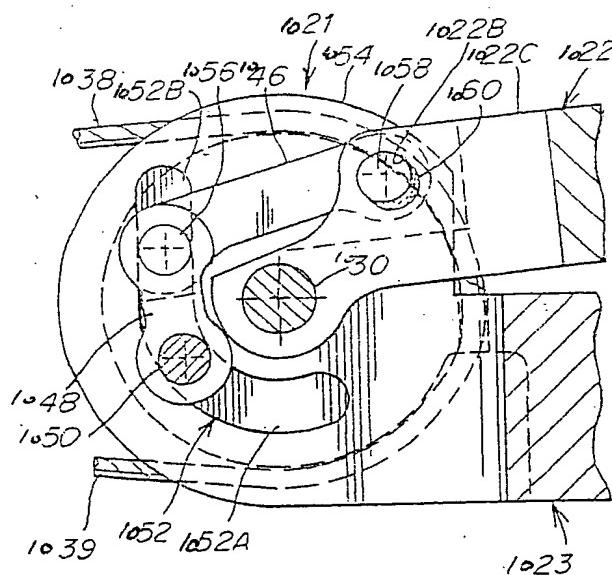
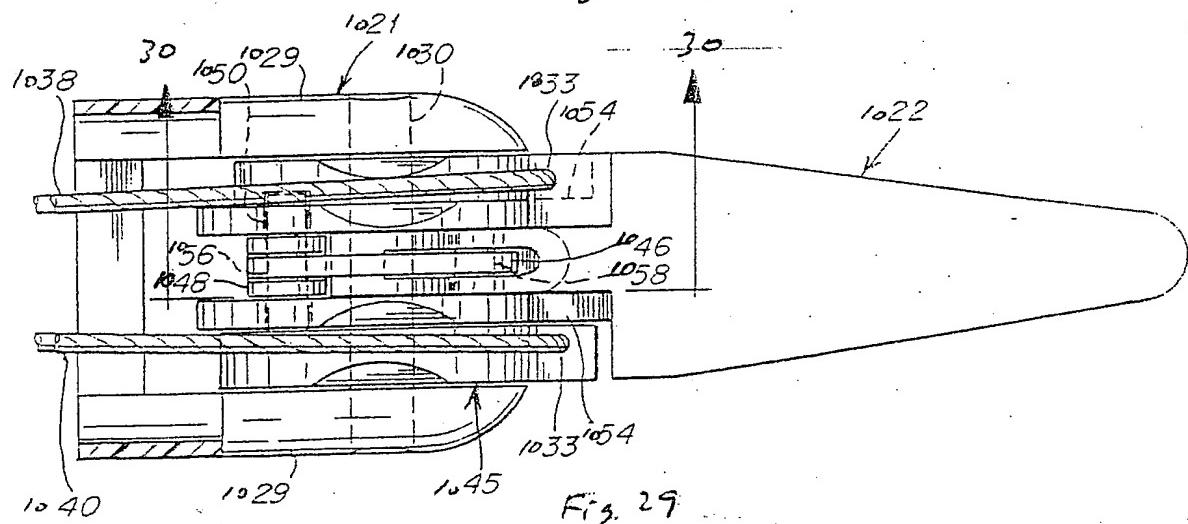
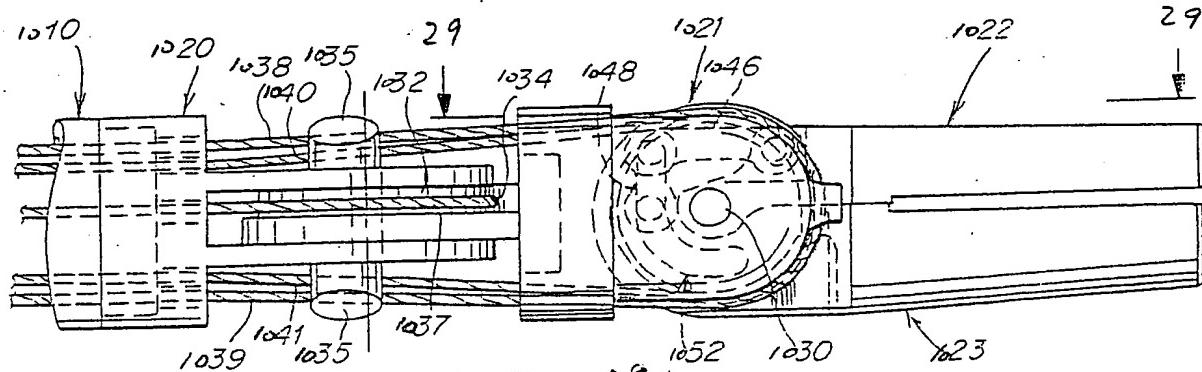


Fig. 26







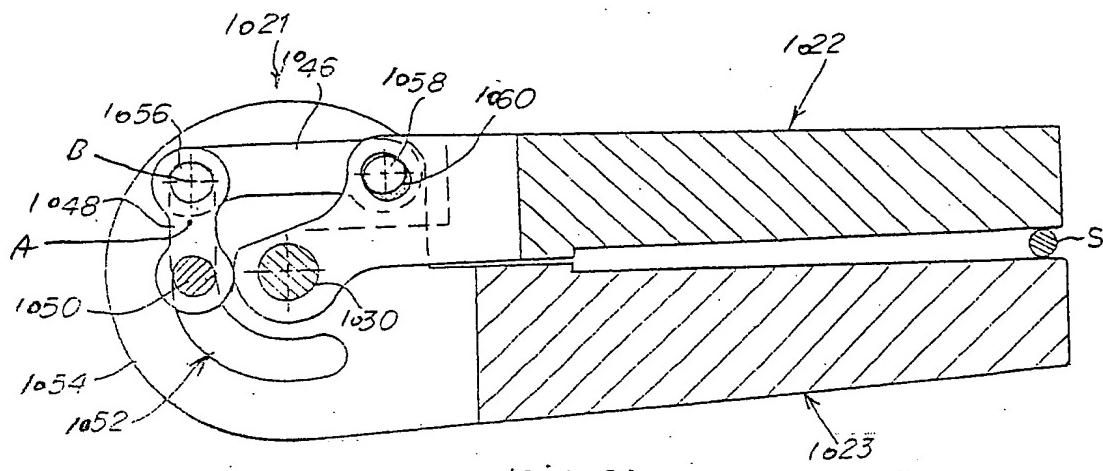


Fig. 32

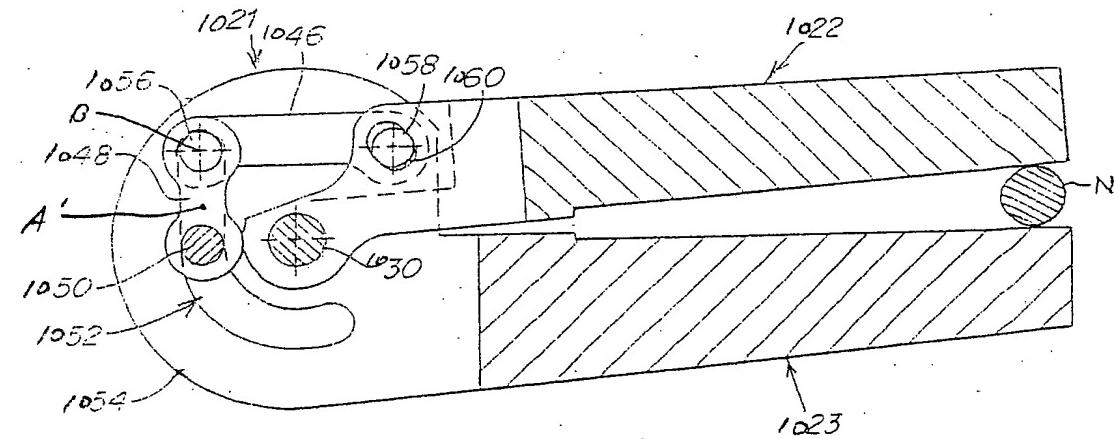


Fig. 33

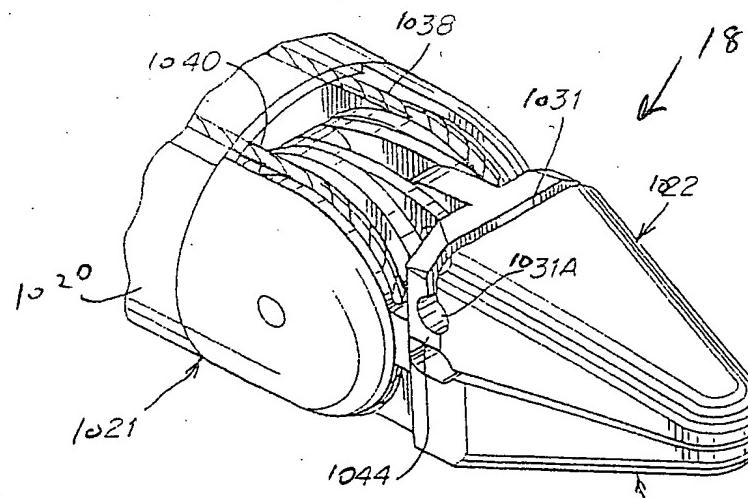


Fig. 34

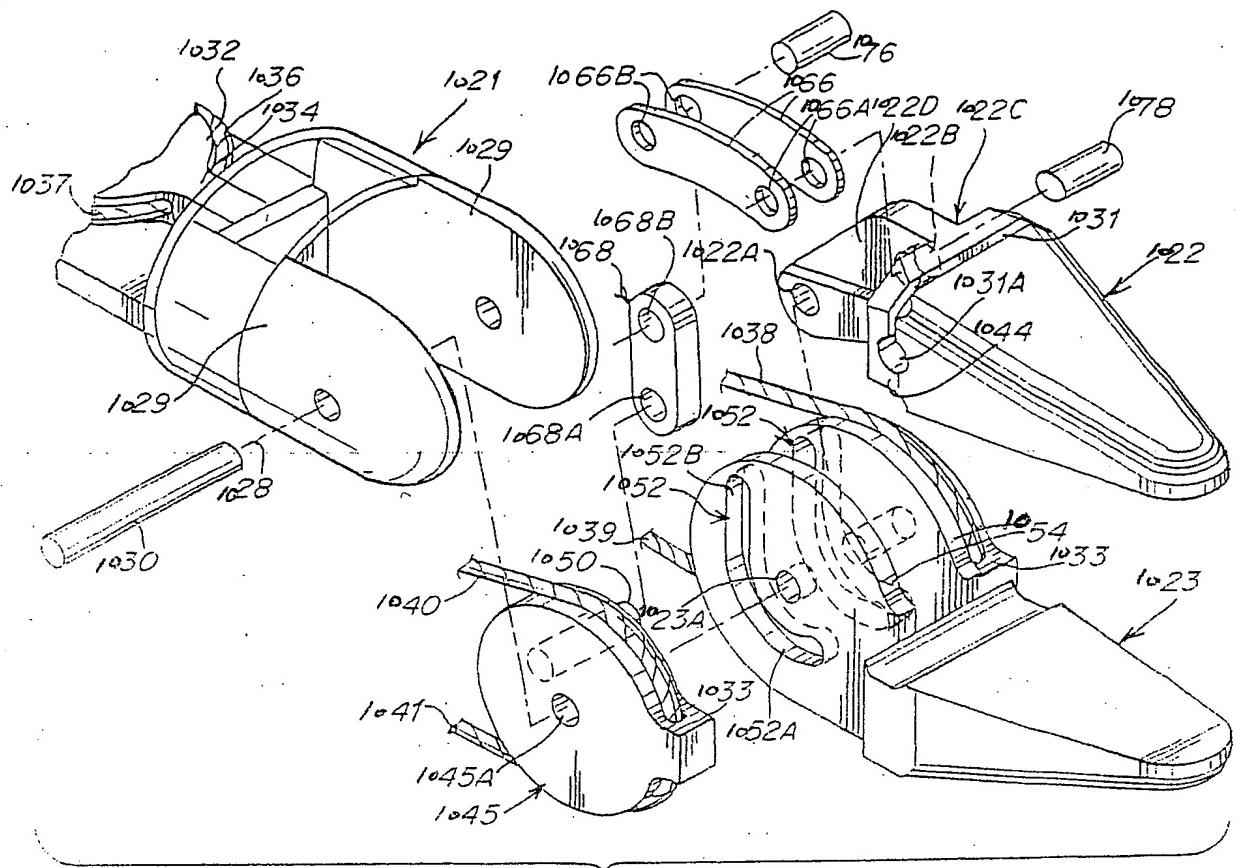


Fig. 35

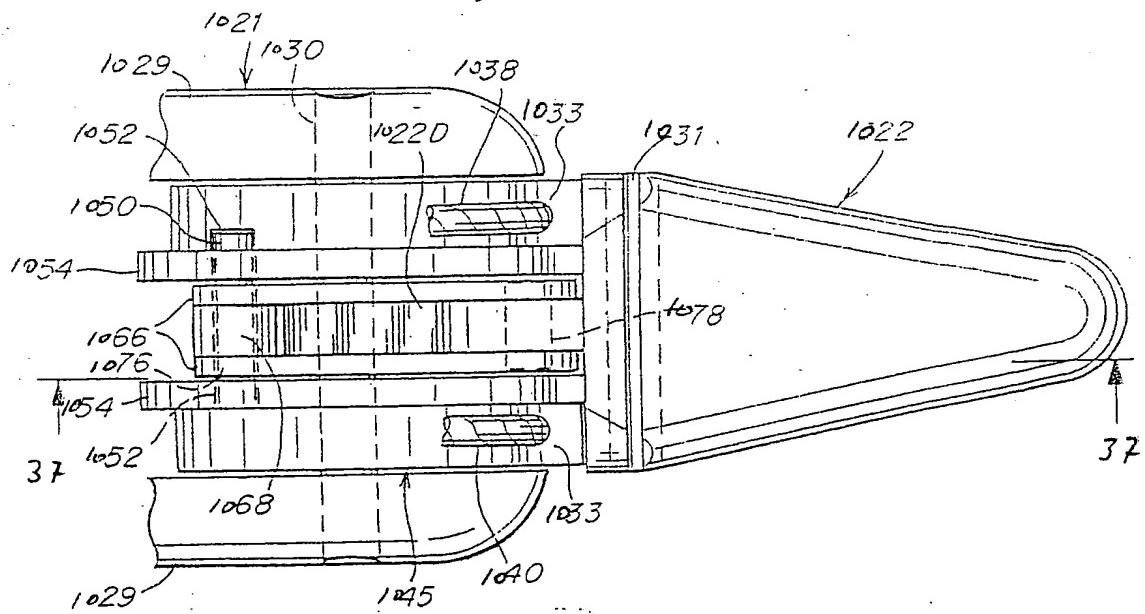


Fig. 36

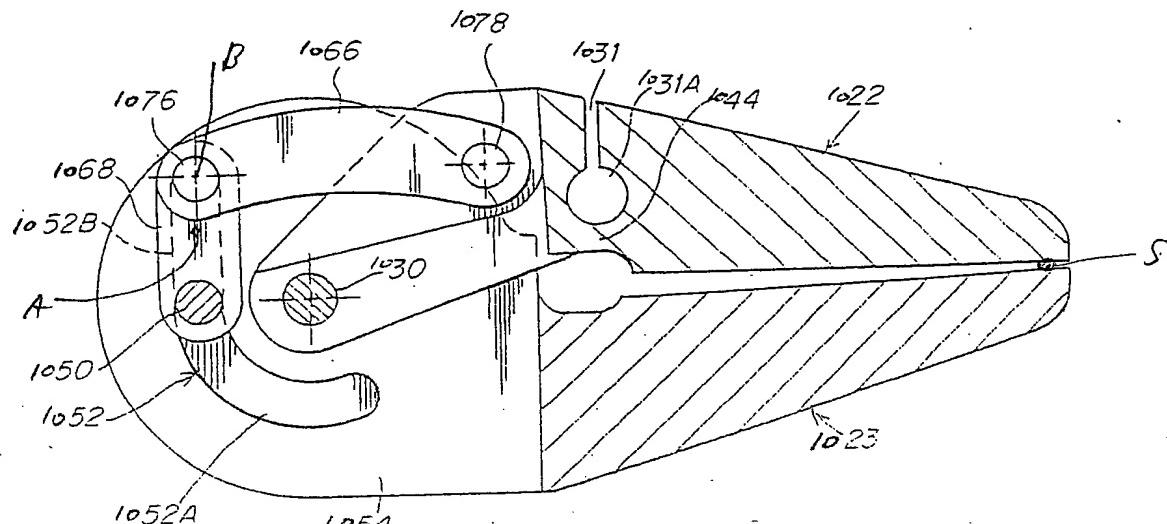


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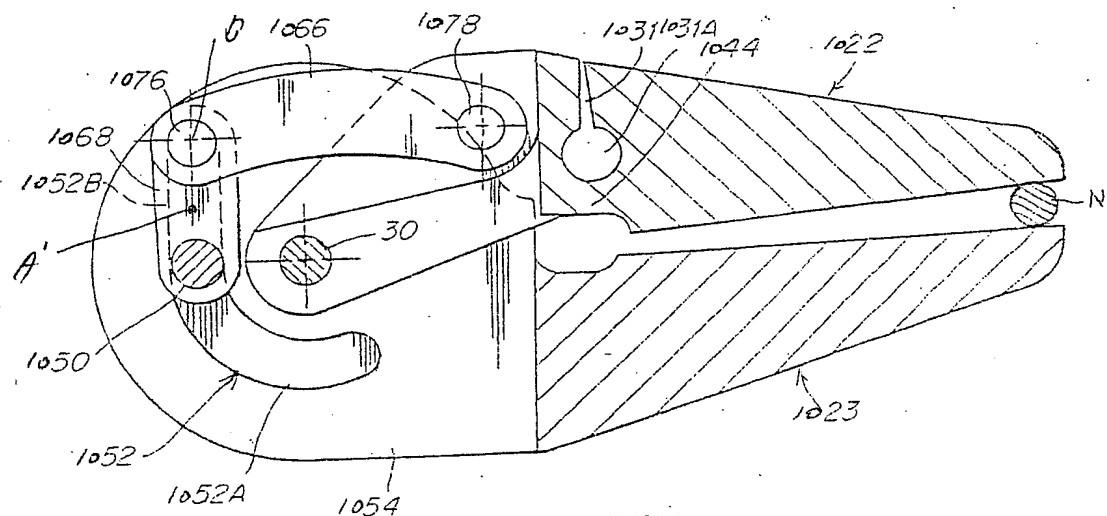


Fig. 38

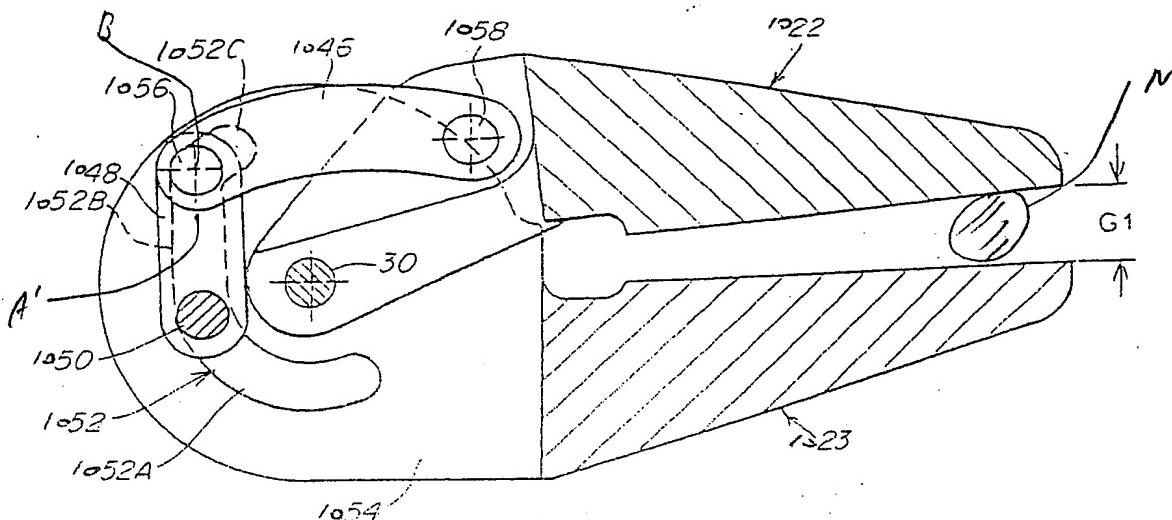


Fig. 39

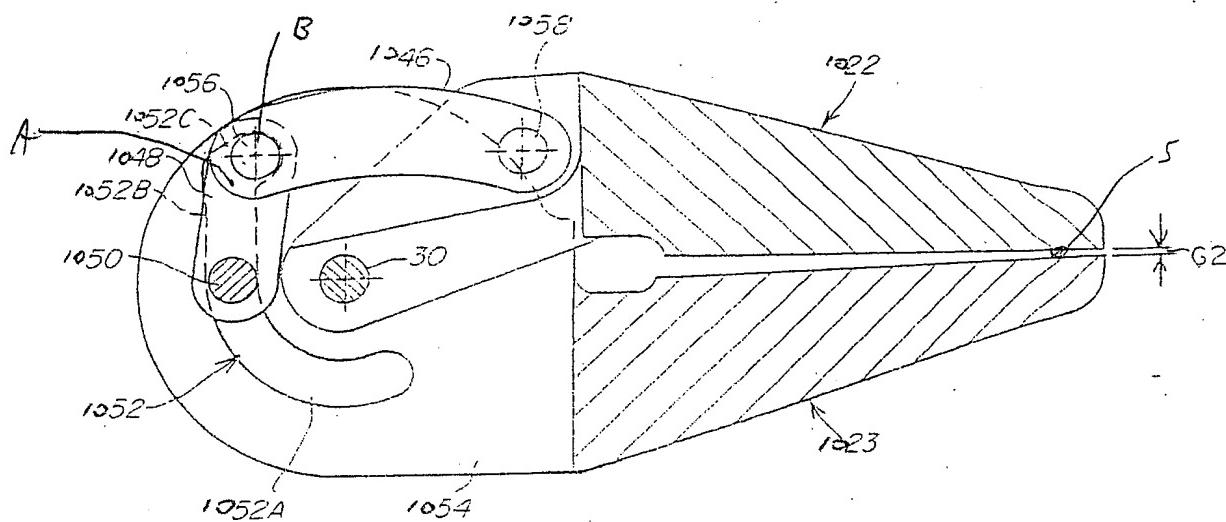


Fig. 40

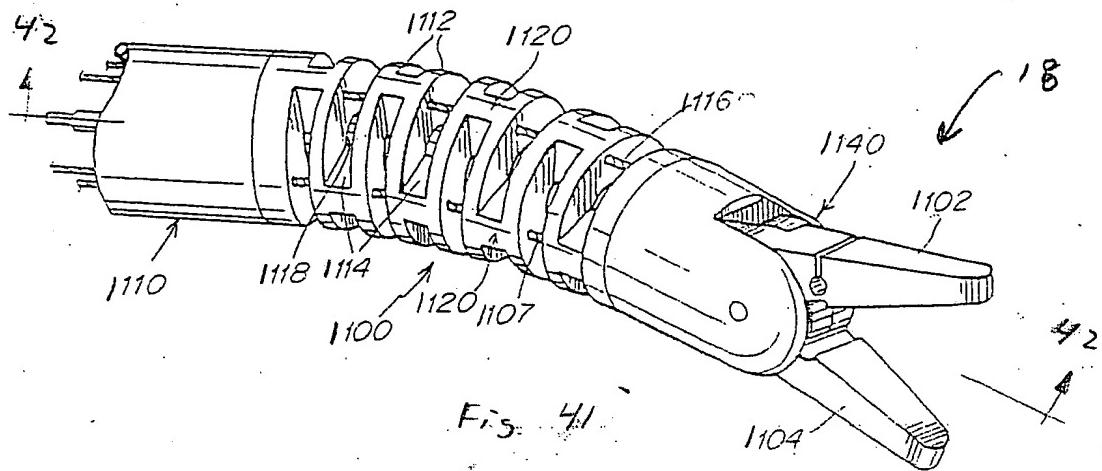


Fig. 41.

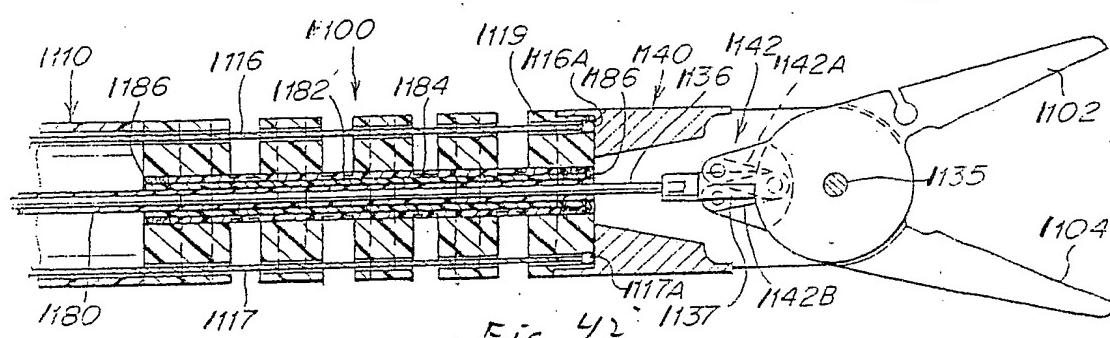


FIG. 42 1131

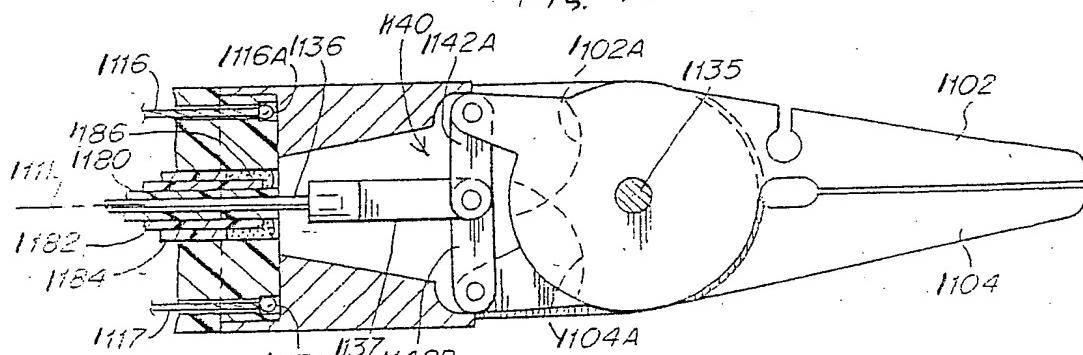


Fig. 43.

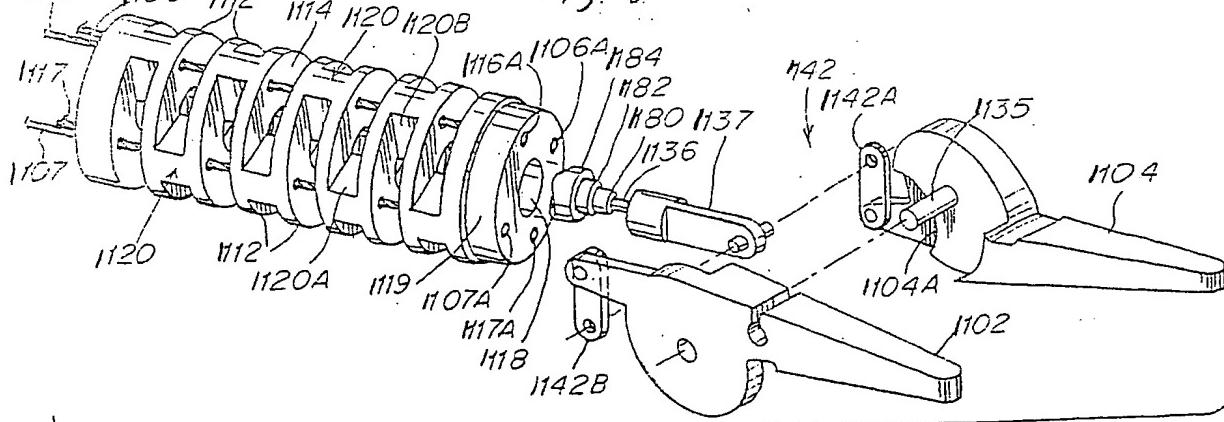


Fig. 44

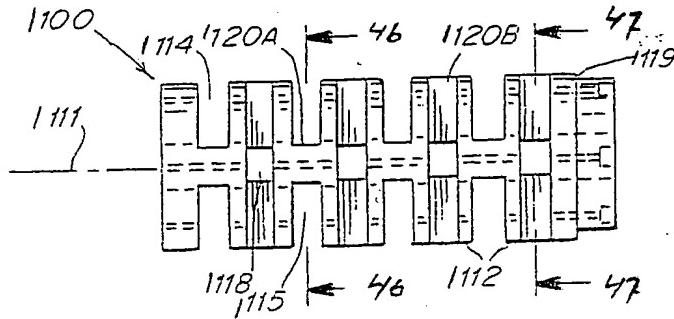


Fig. 45

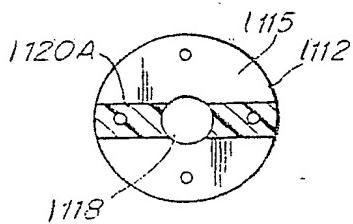


Fig. 46

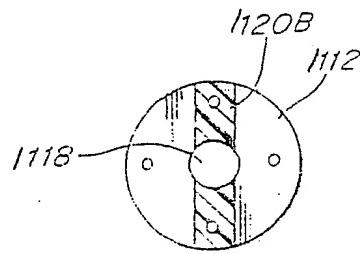


Fig. 47

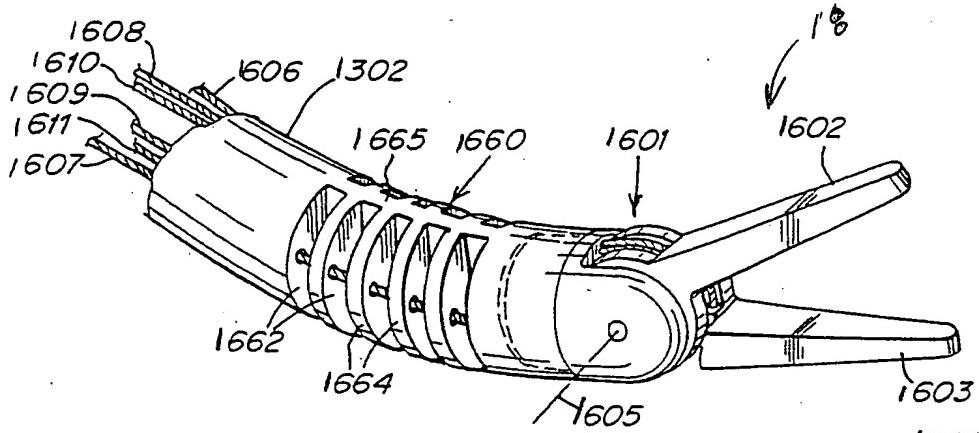


Fig. 48A

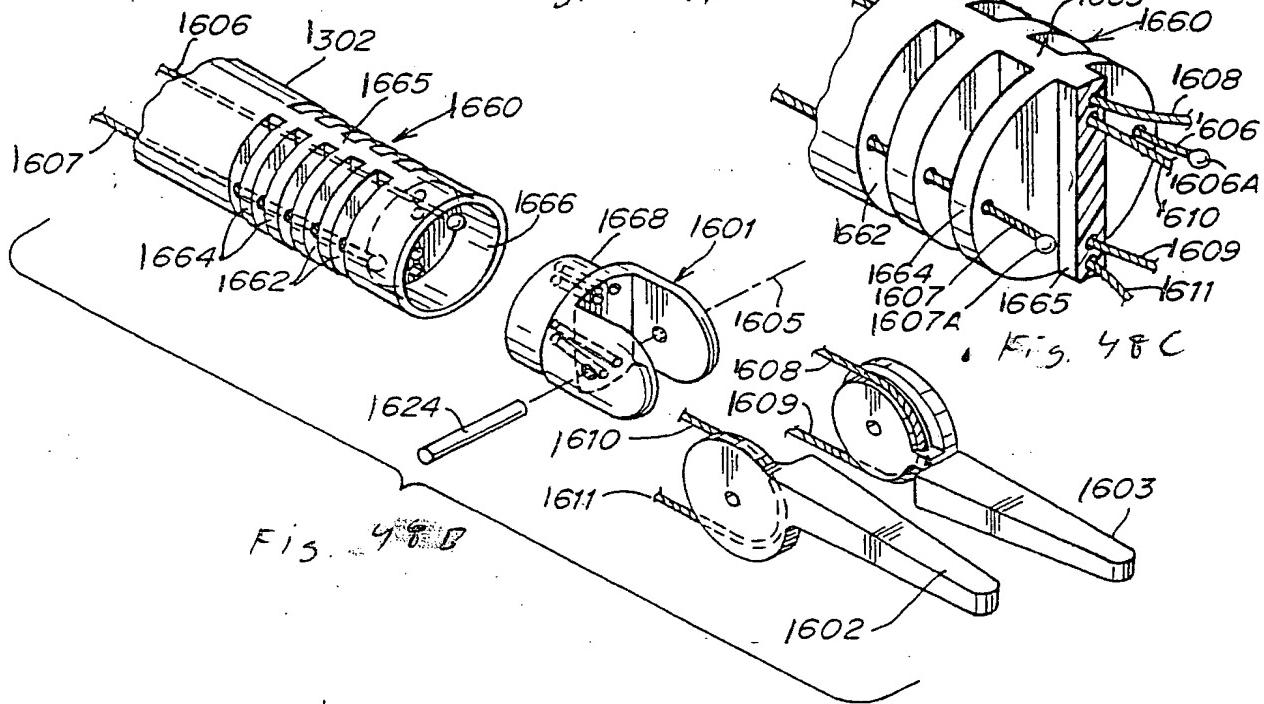


Fig. 48B

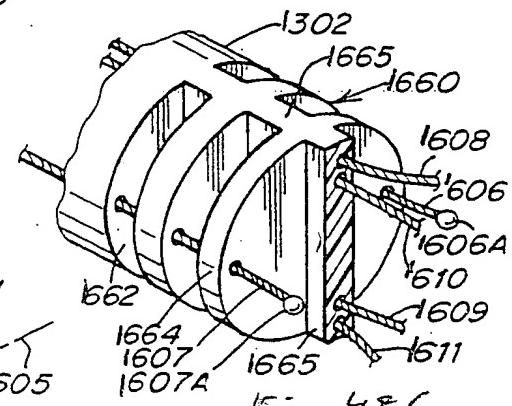


Fig. 48C

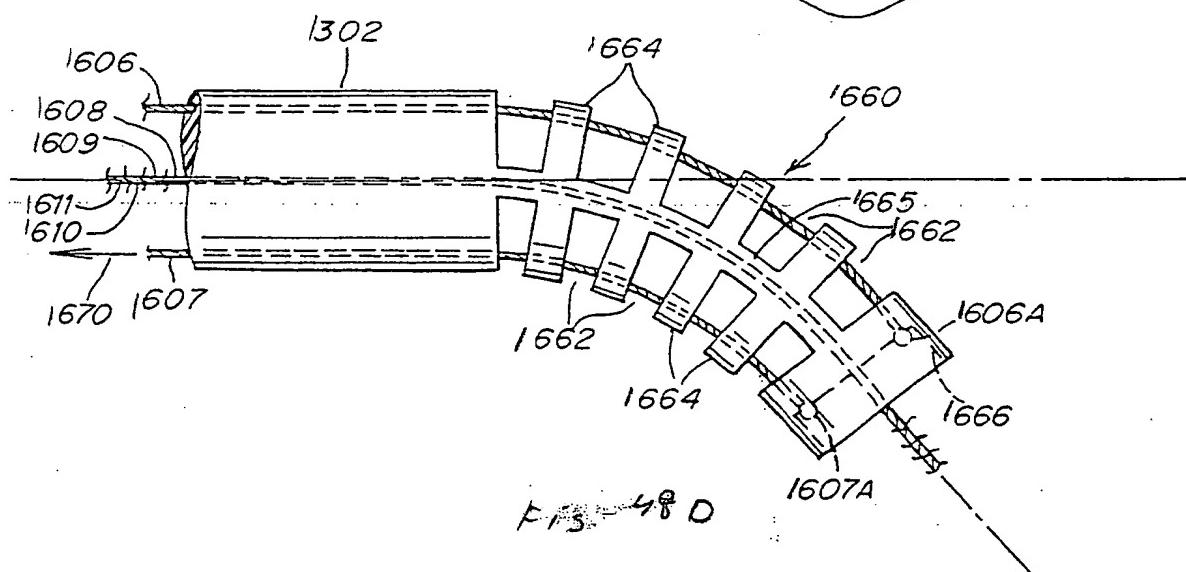
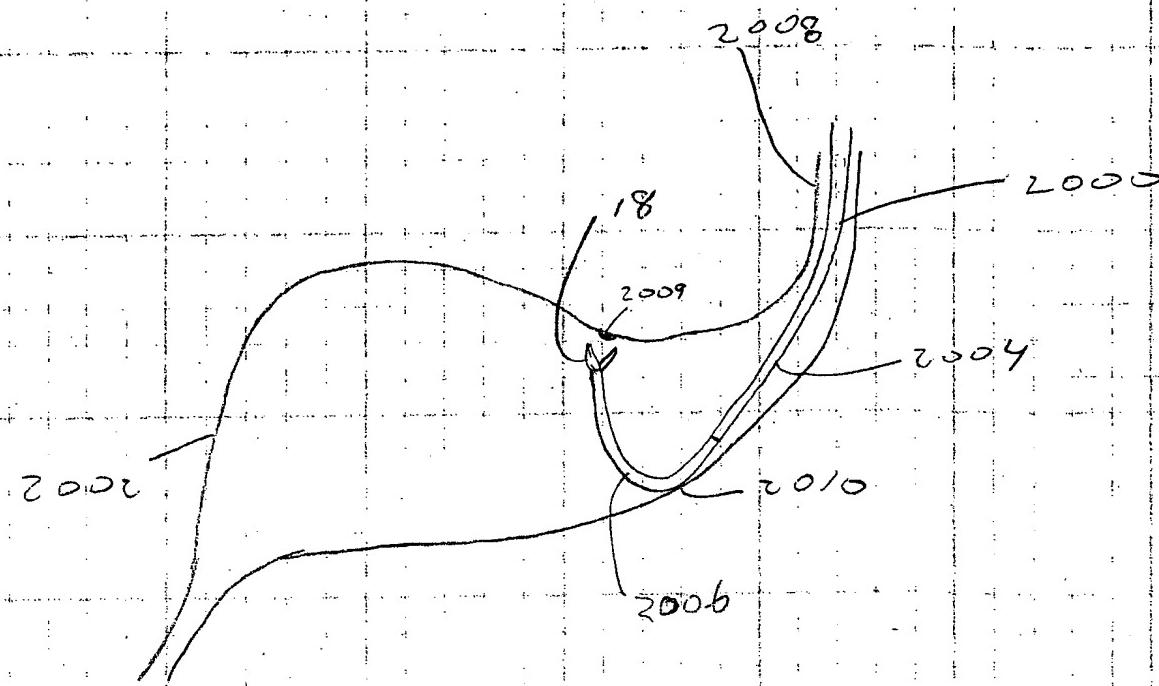


Fig. 48D

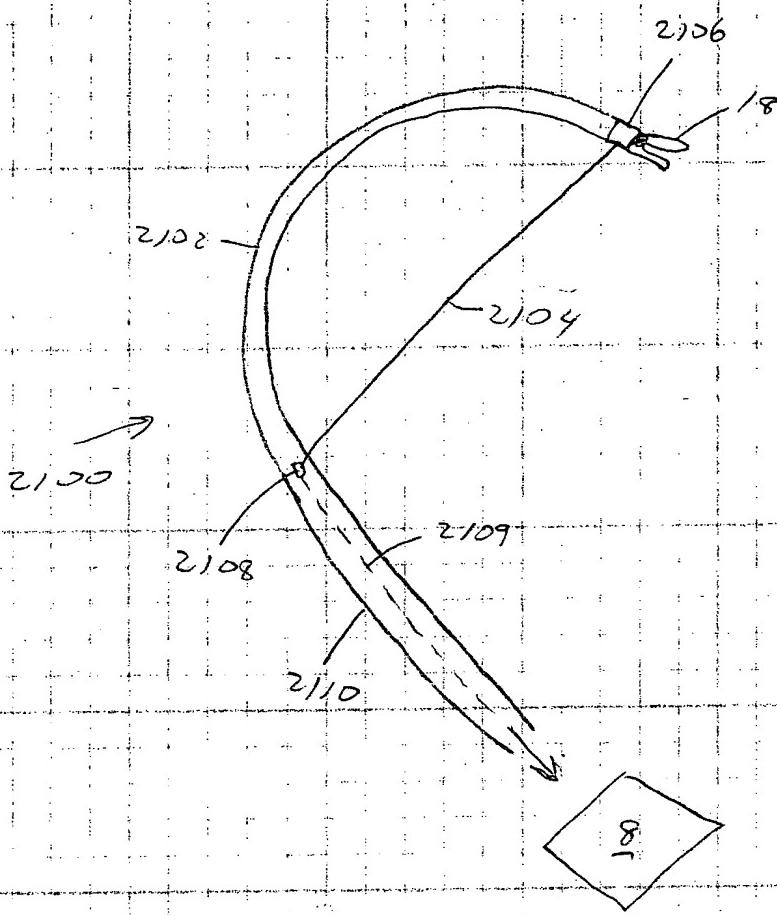


52.49

Docket No.: 3300.1047-001

Title: Robotically Controlled Surgical . . .

Inventors: Woojin Lee *et al.*



F16. 50A

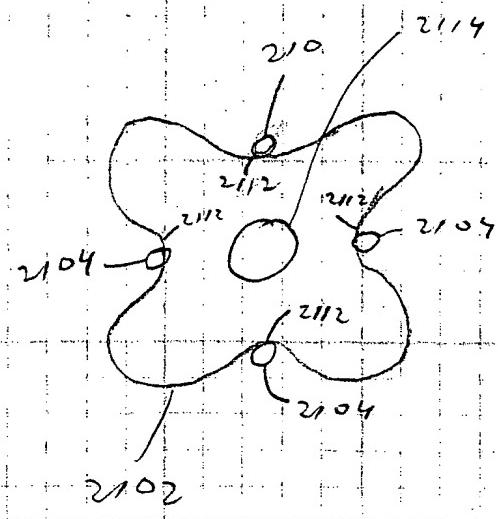
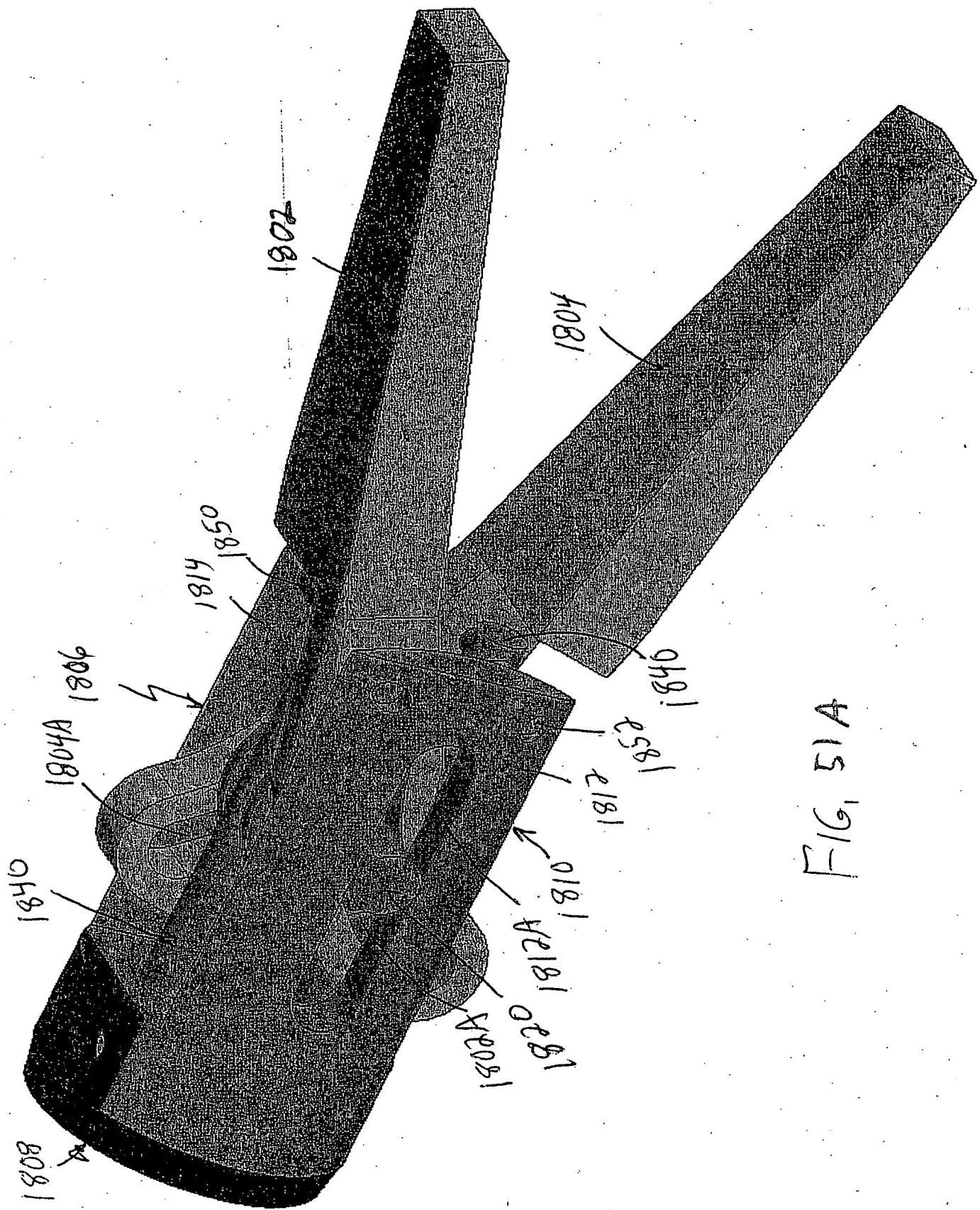
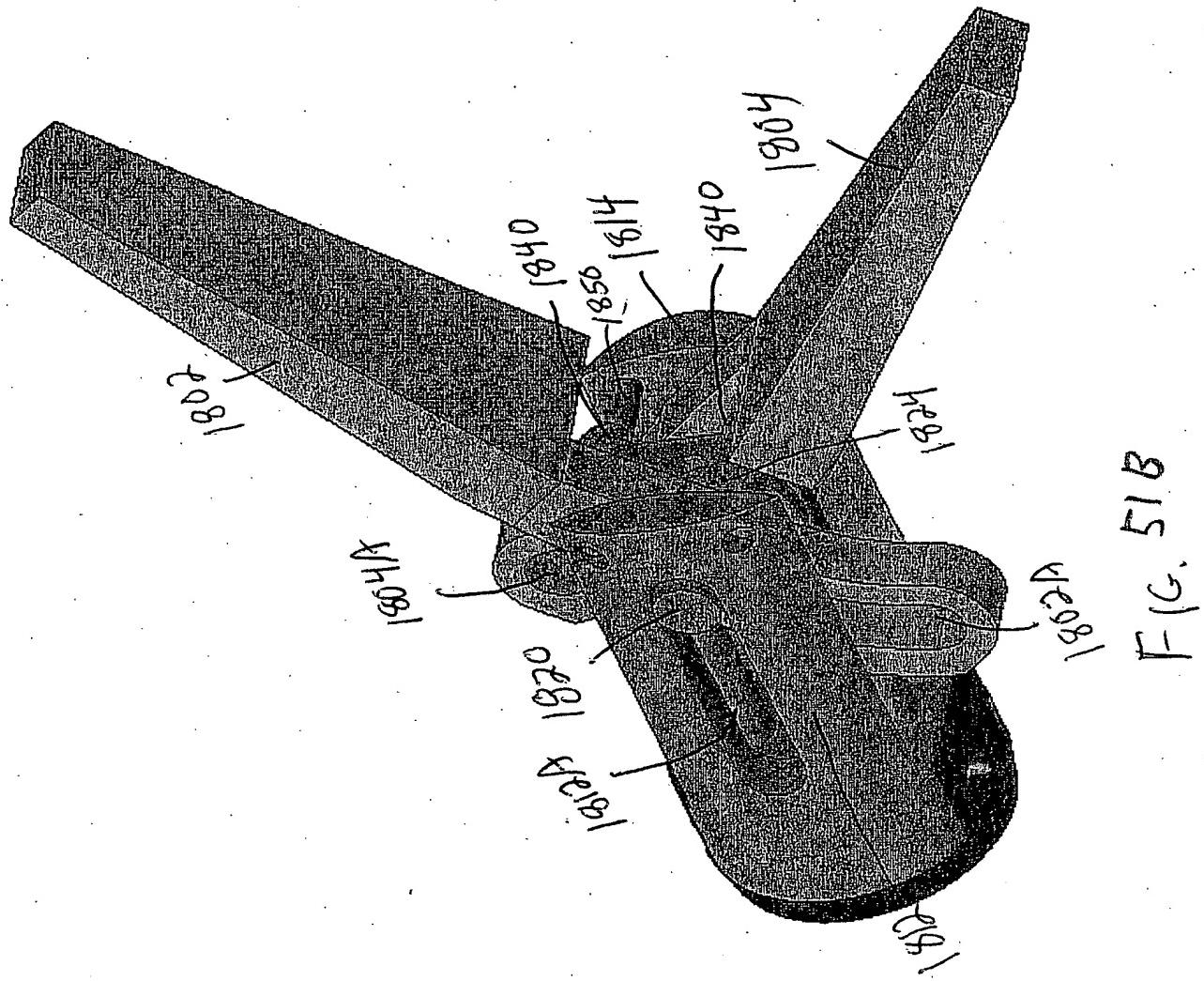
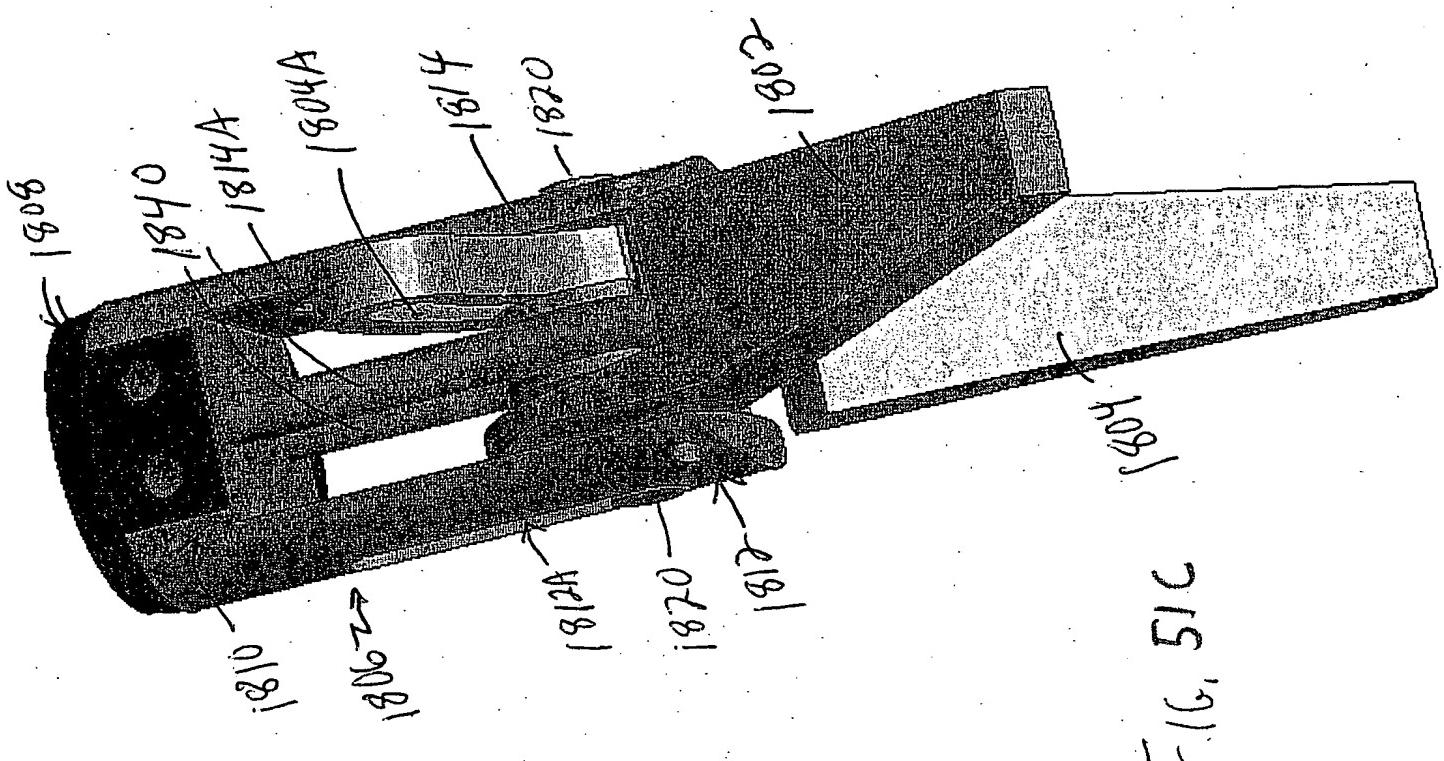


FIG. 508







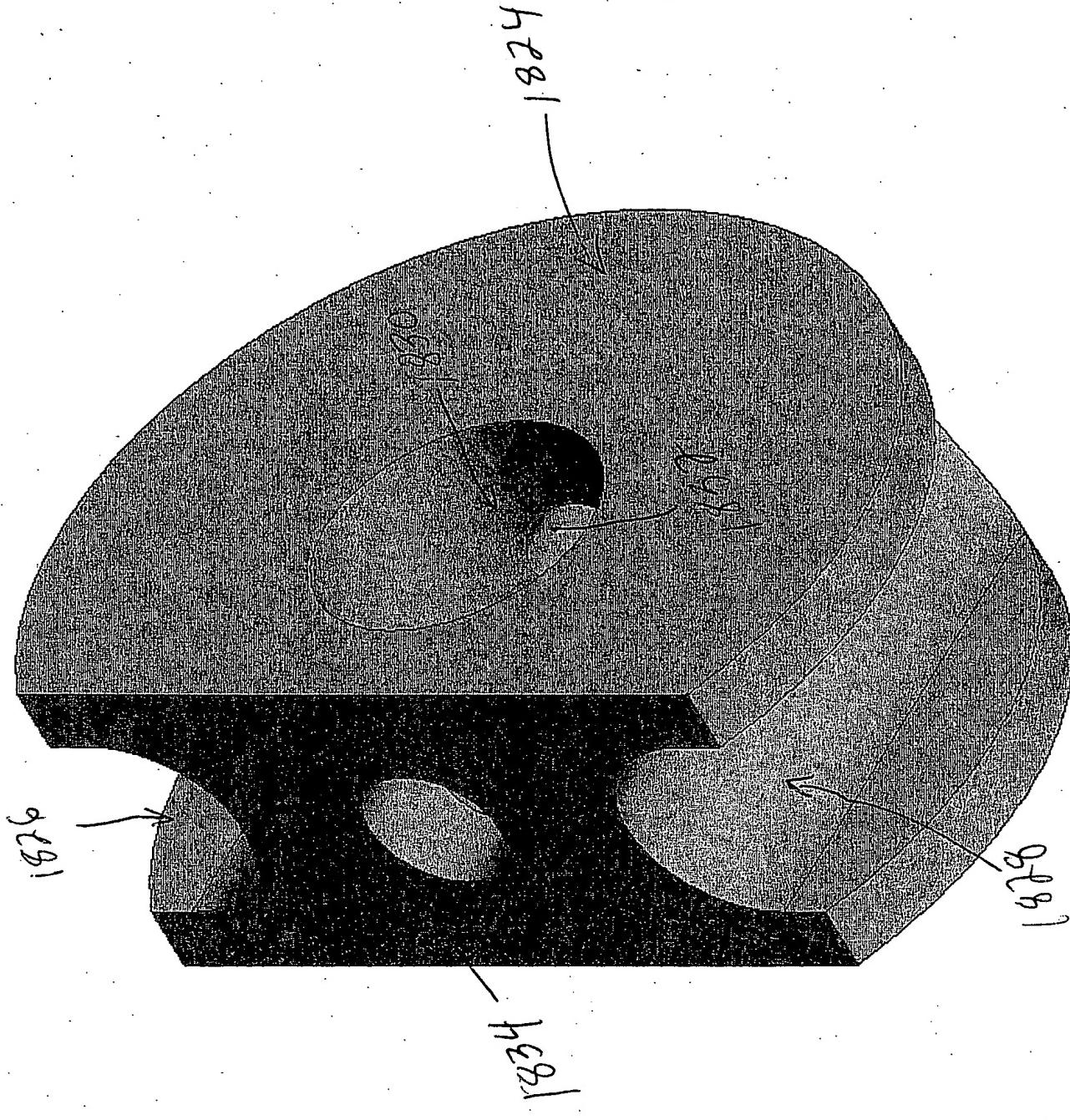
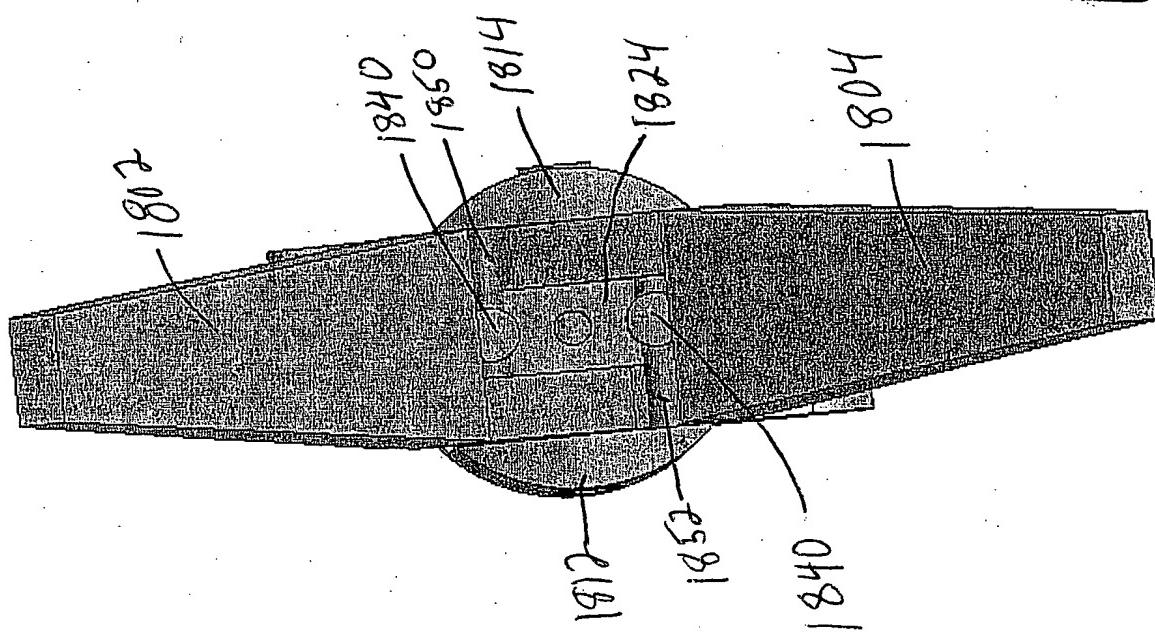
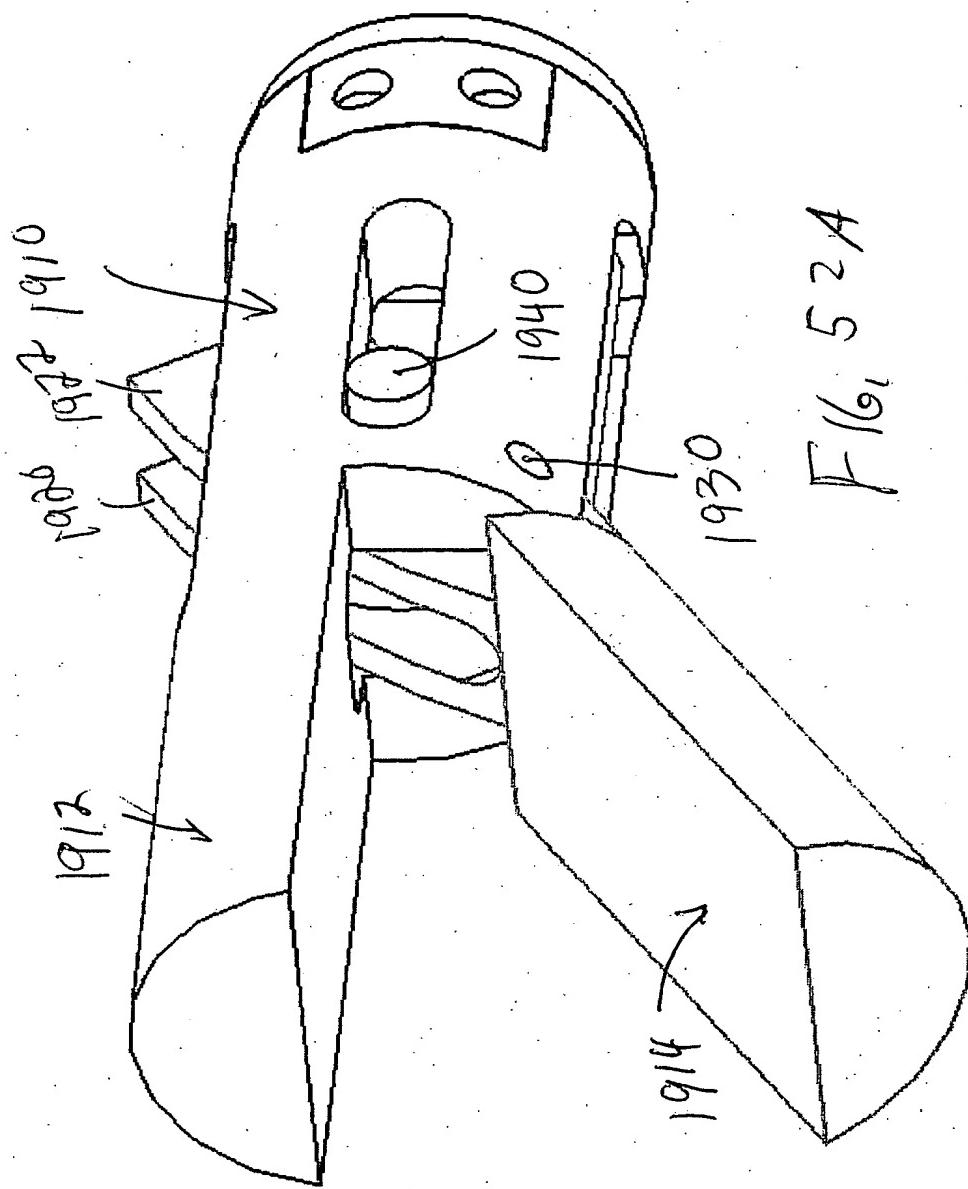


FIG. 51D

F16, S1 E

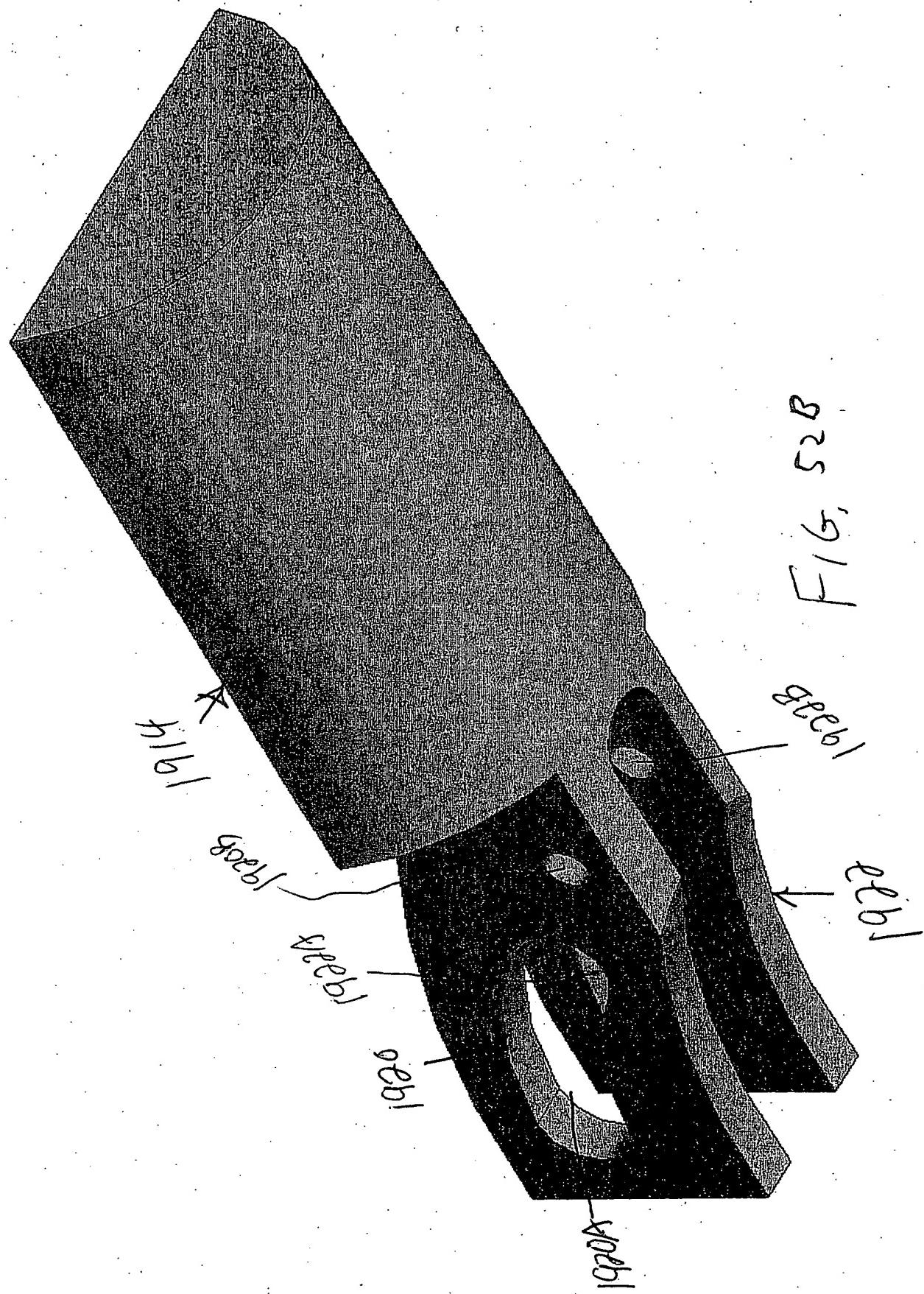


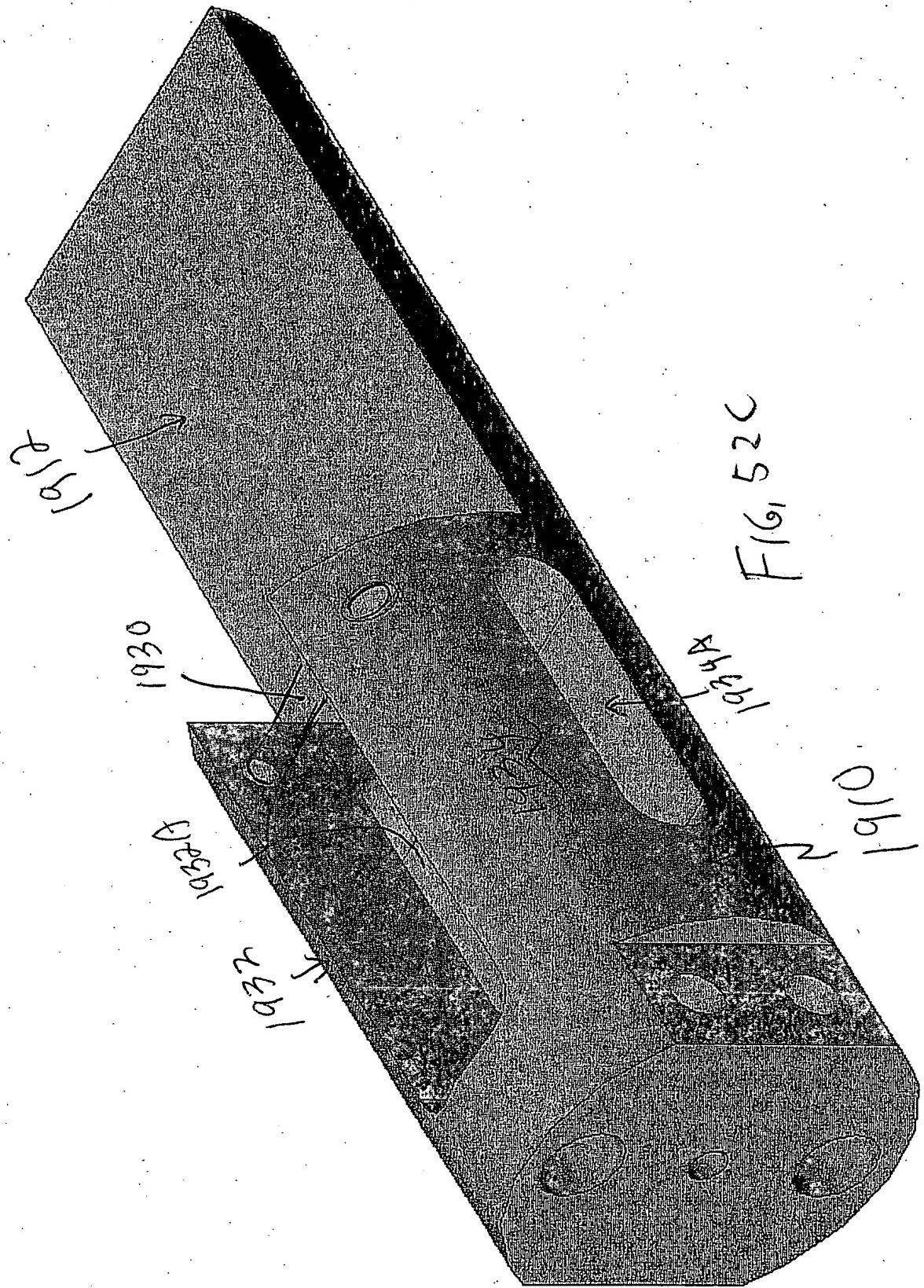


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Inventors: Woojin Lee *et al.*





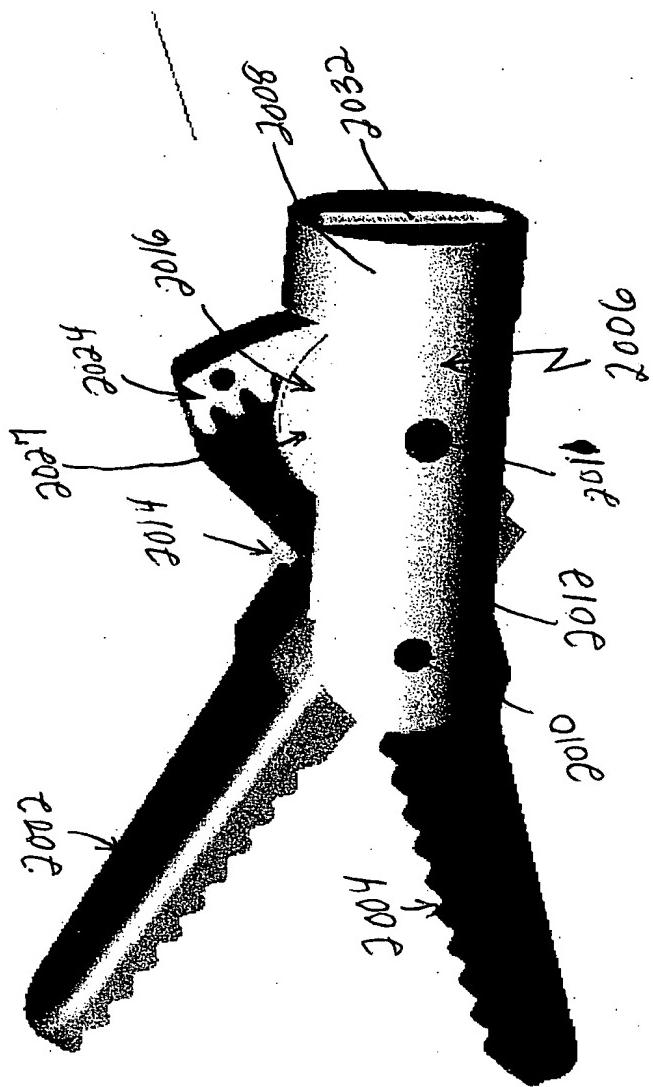
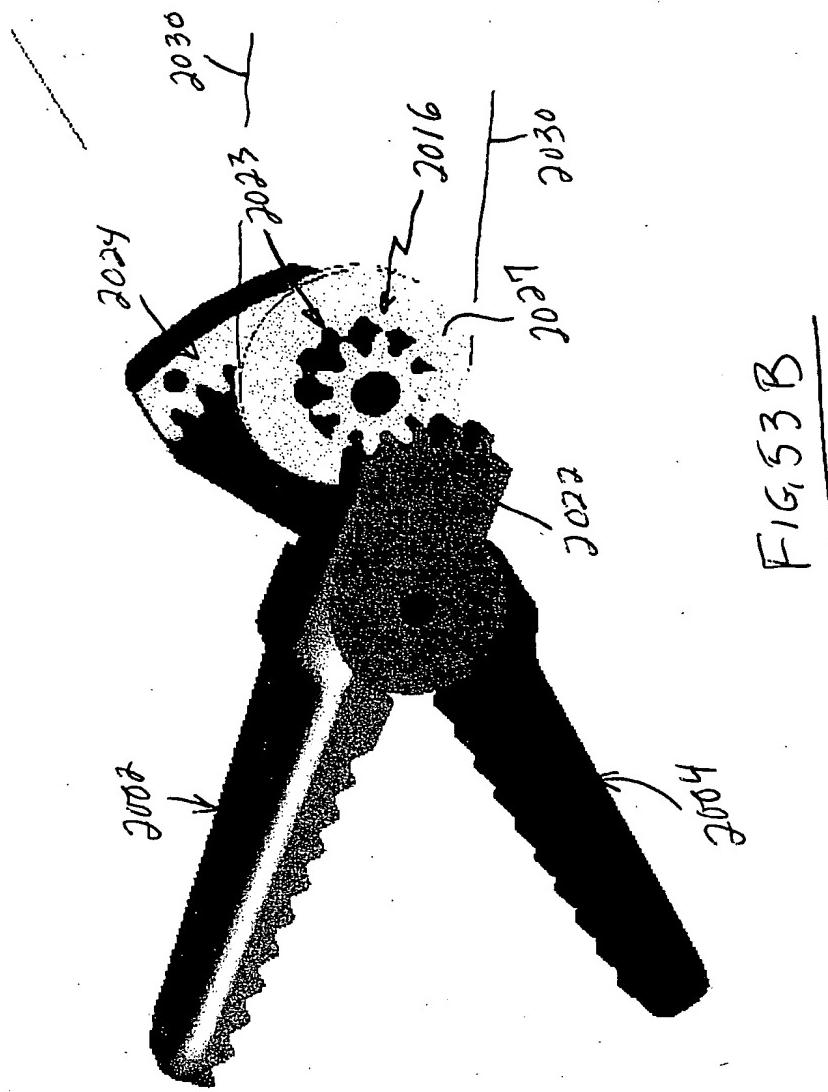


Fig. 534

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Inventors: Woojin Lee *et al.*



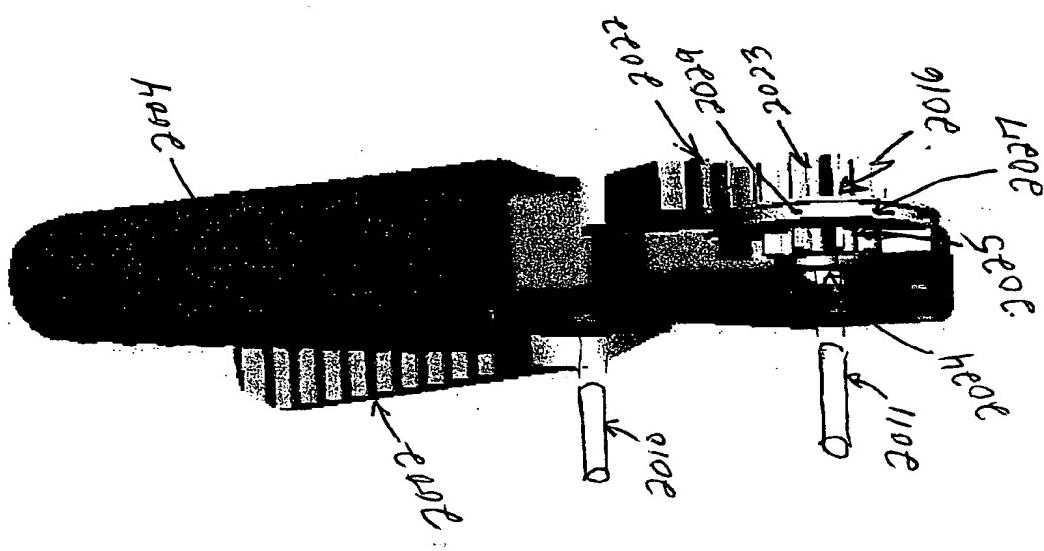


FIG. 53C

GEAR-BASED SCISSORS / GRIPPERS

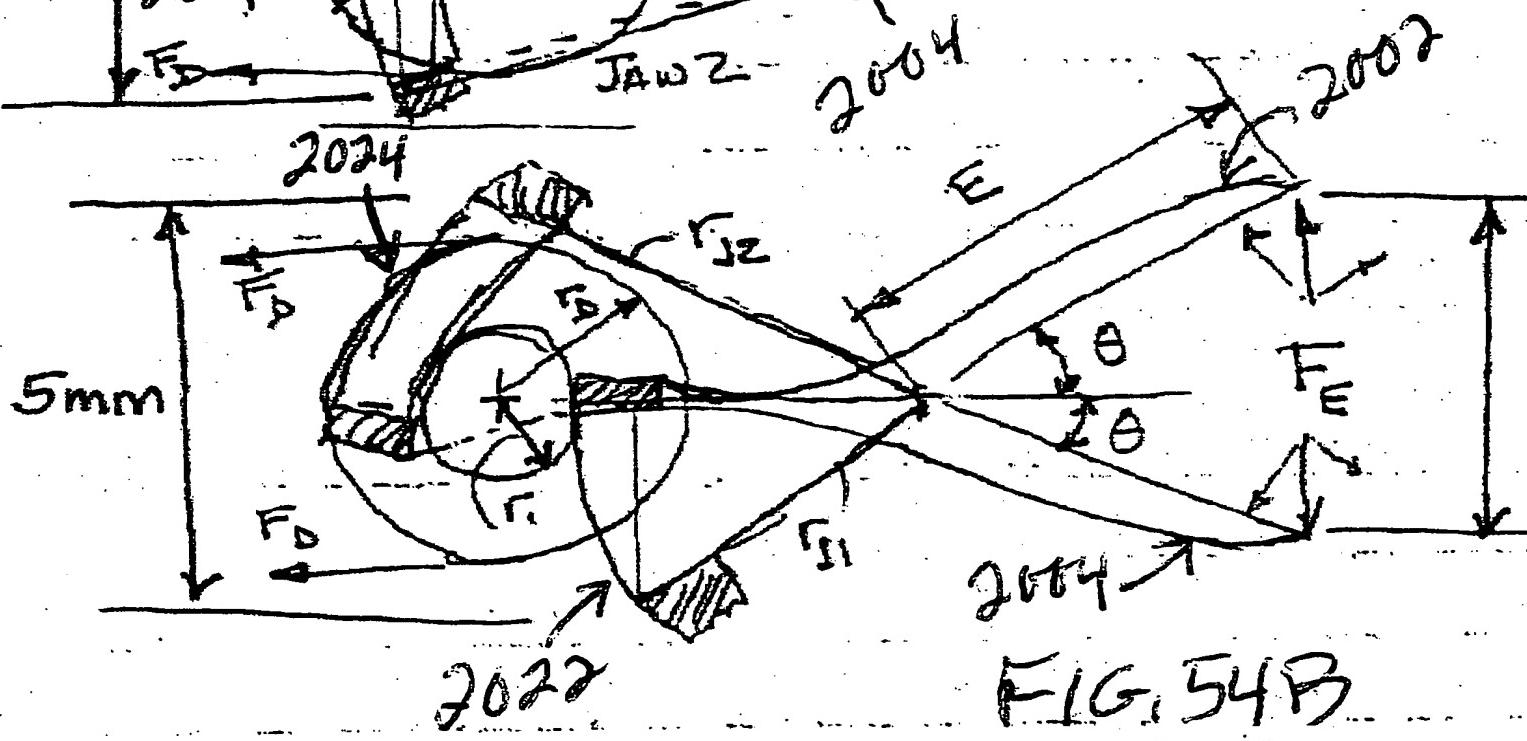
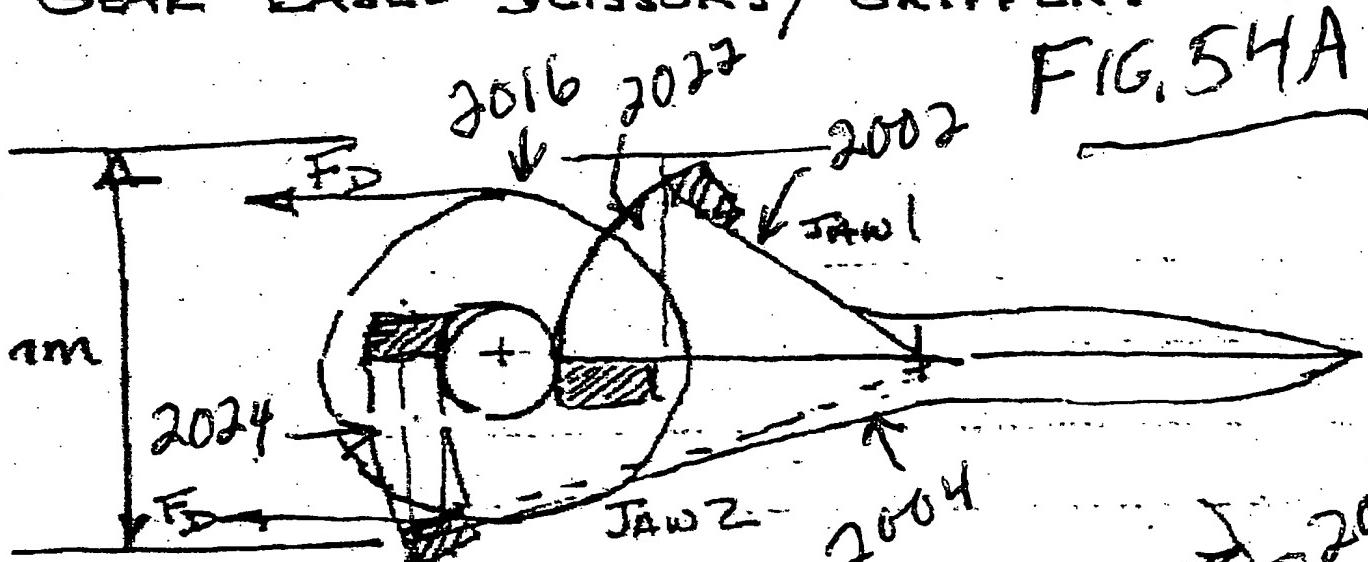


FIG. 55A

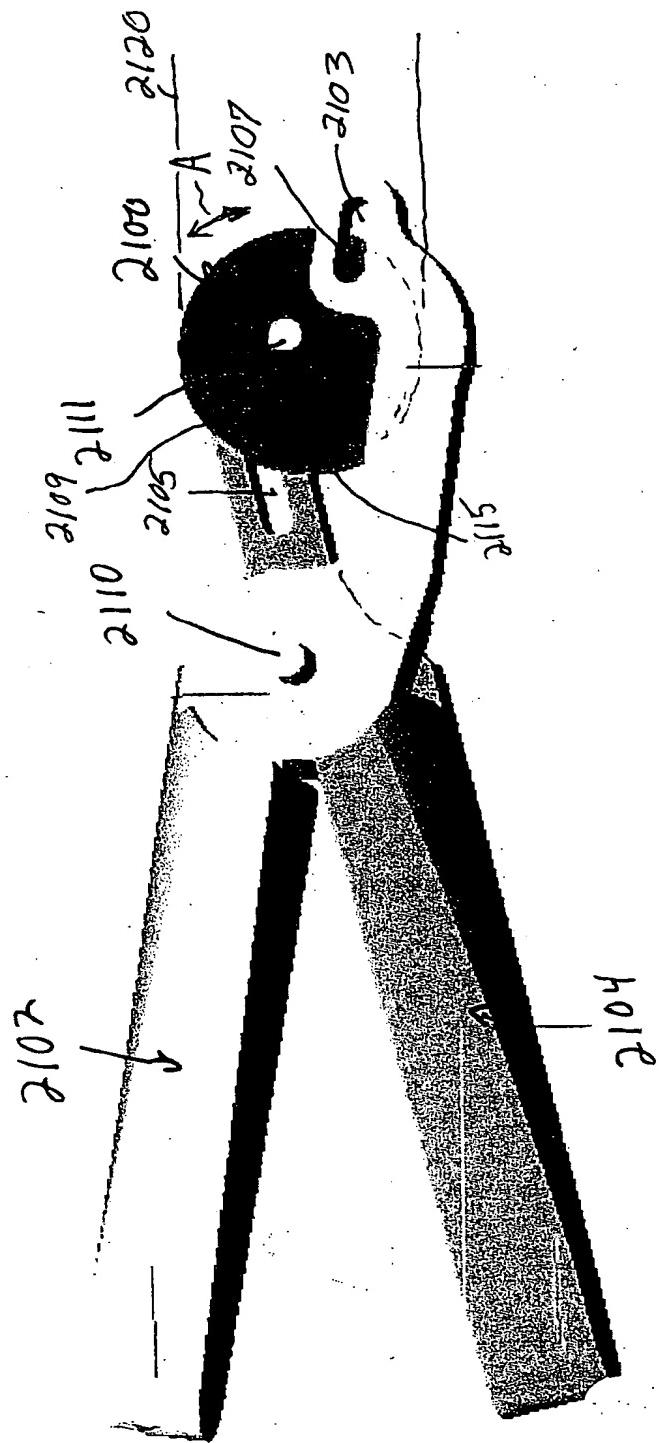


FIG. 55B

